

3D Transform in CSS

3D Transform are attributes used to process 3D moving effects for elements in 3 axes: x, y and z.

Transform in CSS are attributes used to "transform" the original elements, allowing us to change position, shape or rotate elements in dimensions.

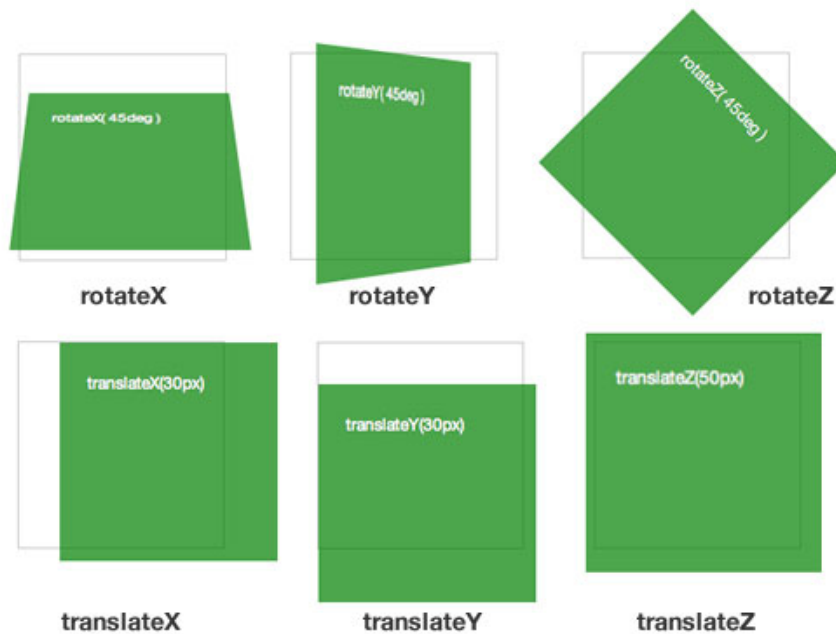
There are two common types: 2D and 3D transformation.

(Transformation is a generic method of changing the shape, size and position of an element).

In this article, TipsMake.com will work with you to learn about 3D Transform, values, usage as well as the most specific examples for you to easily imagine.

What is 3D Transform?

3D Transform are attributes used to process 3D moving effects for elements in 3 axes: x, y and z.



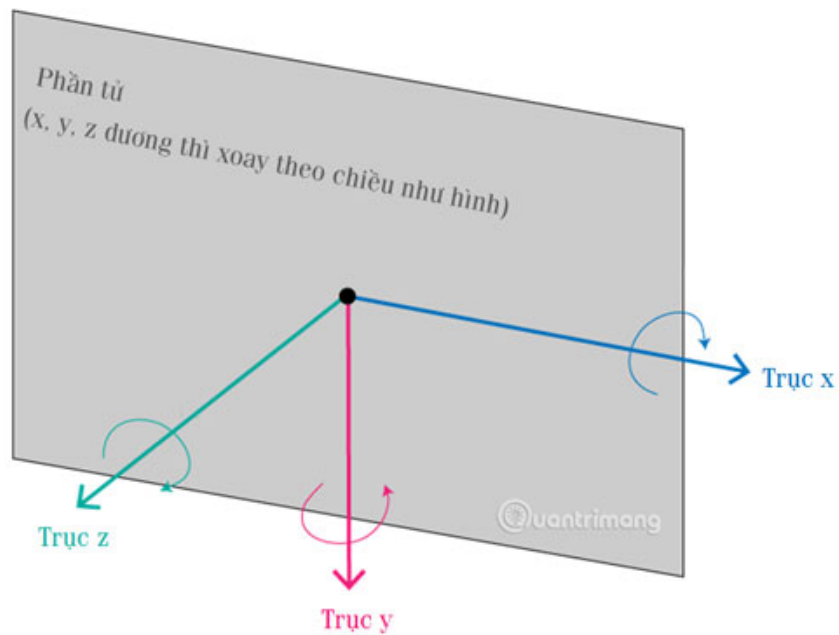
Some examples of 3D transform

The syntax for creating transforms is as follows:

```
transform: value;
```

The values commonly used with 3D transform are:

1. `rotateX()`
2. `rotateY()`
3. `rotateZ()`



Transform `rotateX()`

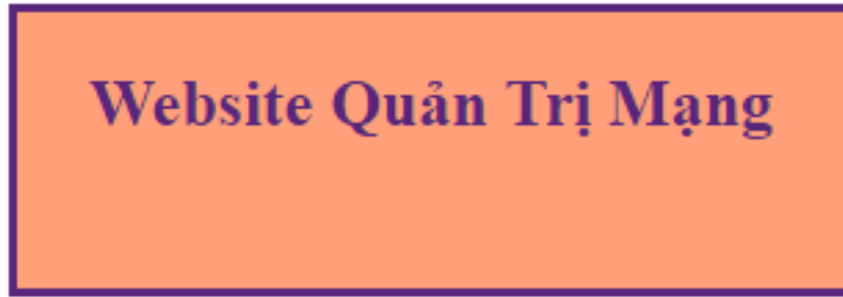


`RotateX()` is used to rotate the element around the X axis at a certain angle.

```
#myDiv {  
  -webkit-transform: rotateX(150deg); /* Safari */  
  transform: rotateX(150deg);  
}
```

}

Original image:



(* The examples in the article are all transformed from this image)

Figure Transform



The usual div element.

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The div element is rotateX 150deg.

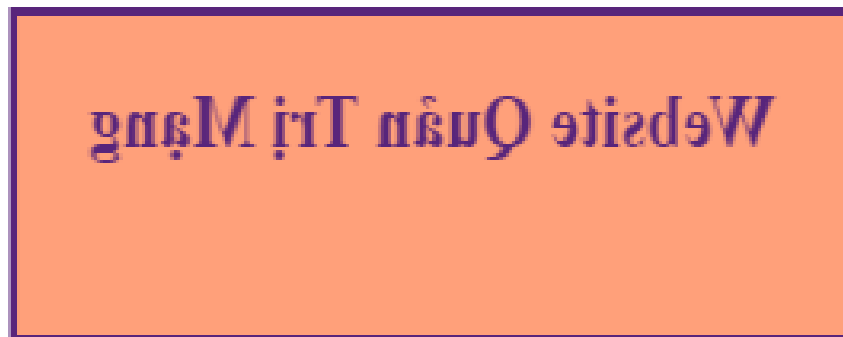
>

Transform rotateY ()



RotateY () is used to rotate the element around the Y axis at a specified angle.

```
#myDiv {  
  -webkit-transform: rotateY(130deg); /* Safari */  
  transform: rotateY(130deg);  
}
```



The usual div element.

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The div element is rotateY 150deg.

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Transform rotateZ ()



RotateZ () is used to rotate the element around the Z axis at a certain angle.

```
#myDiv {  
  -webkit-transform: rotateZ(90deg); /* Safari */  
  transform: rotateZ(90deg);  
}
```



The usual div element.

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The div element is rotateZ 150deg.

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To use this attribute fluently, you must practice a lot and capture the coordinates for easy navigation. With transform, you can completely create an interface with many 2D and 3D shapes, making the website more lively and professional. TipsMake.com will explore this issue further in the following lessons. Have you remembered to it!

Previous lesson: 2D Transform in CSS

Next lesson: Transition transition effect in CSS

You finished reading the article "**3D Transform in CSS**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.