

Converting Colors

XYZ(52.6906, 45.4963, 6.1439)

Have a look what the booklet for
XYZ(52.6906, 45.4963, 6.1439)
contains.

XYZ(52.5704, 45.5027, 6.1557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.5704, 45.5027,
6.1557)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9F05
RGB	252, 159, 5
RGB Percent	99%, 62%, 2%
CMY	0.0118, 0.3764, 0.9803
CMYK	0.00, 0.37, 0.98, 0.01
HSL	37°, 98%, 50%
HSV	37°, 98%, 99%
XYZ	52.5704, 45.5027, 6.1557
YIQ	169.2510, 104.8620, -28.1780

Conversions

Conversions Part 2

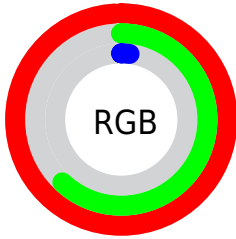
Format	Color
RYB	154, 252, 5
Decimal	16555781
CIELab	73.22, 25.85, 77.07
CIELCh	73, 81.291, 71.457
Yxy	45.5027, 0.5044, 0.4366
Android (android.graphics.Color)	4294745861 (0xFFFC9F05)
YUV	169.2510, -80.9757, 72.5709
Hunter-Lab	67.4557, 21.0634, 41.8084

Details

The XYZ color **52.5704, 45.5027, 6.1557** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **22.0015, 15.7970, 93.9842**, and the grayscale version is **38.1909, 40.1798, 43.7558**.

A 20% lighter version of the original color is **66.7345, 69.9323, 17.5704**, and **26.2440, 21.3342, 2.7347** is the 20% darker color. If you saturate the color by 10%, you get **52.2217, 44.8497, 5.9045**, and if you desaturate by 10%, it is **54.4759, 48.9786, 7.8253**.

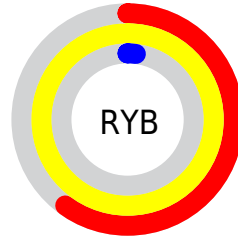
Distribution



Red (99%)

Green (62%)

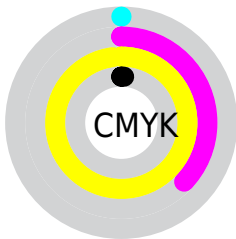
Blue (2%)



Red (60%)

Yellow (99%)

Blue (2%)

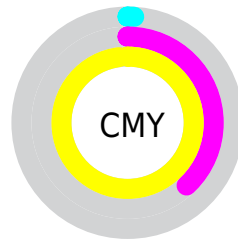


Cyan (0%)

Magenta (37%)

Yellow (98%)

Black (1%)



Cyan (1%)


Magenta (38%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5704, 45.5027, 6.1557 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 52.5704, 45.5027, 6.1557 by changing the saturation by 10% instead.


 52.5704, 45.5027,
6.1557

 52.5704, 45.5027,
6.1557


386.9226,
368.8057, 169.8069

 37.6860, 31.8536,
2.8697

 93.1412, 83.4743,
18.7364

 25.9152, 21.2497,
1.0285


 119.5583,
108.5655, 28.8682


 16.8926, 13.3066,
0.0000


 150.5504,
138.2395, 42.1190

 10.2528, 7.6400,
0.0000

 186.4828,
172.8807, 58.9073

 5.6304, 3.8655,
0.0000

 227.7208,
212.8736, 79.6518

 2.6602, 1.5986,
0.0000

 274.6299,

 0.9767, 0.3567,

258.6024, 104.7708

0.0000

327.5754,
310.4517, 134.6830

■ 0.0000, 0.0000,
0.0000

■ 52.5704, 45.5027,
6.1557

■ 52.5704, 45.5027,
6.1557

■ 52.2217, 44.8497,
5.9045

■ 54.4759, 48.9786,
7.8253

■ 56.7612, 52.8092,
10.8682

■ 59.4858, 57.0245,
15.5805

■ 62.6934, 61.6460,
22.1795

■ 66.4213, 66.6926,
30.8498

70.7026, 72.1813,
41.7534

75.5672, 78.1279,
55.0362

81.0426, 84.5471,
70.8318

87.1544, 91.4526,
89.2636

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.2314, 45.5027, 13.6152



52.5704, 45.5027, 6.1557



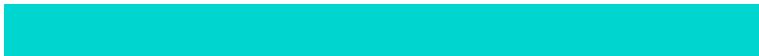
38.0271, 45.5027, 5.5510

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.5704, 45.5027, 6.1557



21.5537, 45.5027, 66.8404



64.0656, 45.5027, 134.8022

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.5704, 45.5027, 6.1557



22.0015, 15.7970, 93.9842

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.9282, 45.5027, 173.2764



52.5704, 45.5027, 6.1557



25.7789, 45.5027, 121.8598

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.5704, 45.5027, 6.1557



22.1100, 45.5027, 28.5283



35.1001, 45.5027, 167.5508



74.8096, 45.5027, 78.9569

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.5704, 45.5027, 6.1557



30.4576, 45.5027, 8.2079



35.1001, 45.5027, 167.5508



59.1978, 45.5027, 151.2876

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.5714, 45.5051, 6.1565



77.0977, 79.6225, 55.0482



42.4843, 21.7183, 13.9314



16.0351, 16.4763, 10.4934



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.5714, 45.5051, 6.1565



53.6365, 46.0530, 6.0622



65.3258, 85.3484, 13.1748



18.1462, 19.0283, 18.1788



27.3496, 23.6558, 3.1245



2.6350, 2.3948, 0.3234

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.0015, 15.7970, 93.9842



22.2337, 15.5875, 96.4446



18.2790, 7.4742, 92.5739



16.8185, 17.7138, 21.9180



11.4090, 8.1736, 48.9499



1.1549, 0.9536, 4.5664

Previews

White Background



This preview shows how the XYZ color 52.5704, 45.5027, 6.1557 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 52.5704, 45.5027, 6.1557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5704, 45.5027, 6.1557

Background



This preview shows how black text looks on a background with the XYZ color 52.5704, 45.5027, 6.1557.



This preview shows how white text looks on a background with the XYZ color 52.5704, 45.5027,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.5704, 45.5027, 6.1557

Protanopia

41.2700, 45.7913, 7.2795

Deuteranopia

46.5578, 45.6198, 6.3516



Tritanopia

58.4915, 45.6108, 38.9786

Trichromacy



Original Color

52.5704, 45.5027, 6.1557

Protanomaly

44.8416, 45.2910, 6.7941

Deuteranomaly

48.7547, 45.6463, 6.2984

Tritanomaly

54.7630, 44.8528, 18.8678

Monochromacy



Original Color

52.5704, 45.5027, 6.1557

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.7686, 40.1565, 20.1229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5704, 45.5027, 6.1557 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 159, 5)` looks like.

```
.text, #text, p{  
    color:rgb(252, 159, 5)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 159, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 159, 5) }
```

Border

The CSS property to change the border of an element to XYZ 52.5704, 45.5027, 6.1557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 159, 5) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(252, 159, 5) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(252, 159, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 159, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 159, 5);  
box-shadow:4px 4px 4px 4px rgb(252, 159,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5704, 45.5027, 6.1557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 159, 5) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
159, 5) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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