

Converting Colors

XYZ(53.8880, 46.9260, 6.7897)

Have a look what the booklet for
XYZ(53.8880, 46.9260, 6.7897)
contains.

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Color

**XYZ(53.9026, 46.9552,
6.7945)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA212
RGB	254, 162, 18
RGB Percent	100%, 64%, 7%
CMY	0.0039, 0.3647, 0.9294
CMYK	0.00, 0.36, 0.93, 0.00
HSL	37°, 99%, 53%
HSV	37°, 93%, 100%
XYZ	53.9026, 46.9552, 6.7945
YIQ	173.0920, 101.0560, -25.2800

Conversions

Conversions Part 2

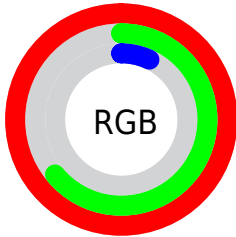
Format	Color
R_{YB}	169, 254, 18
Decimal	16687634
CIE _{Lab}	74.16, 25.24, 76.12
CIE _{LCh}	74, 80.197, 71.655
Yxy	46.9552, 0.5007, 0.4362
Android (android.graphics.Color)	4294877714 (0xFFFEA212)
YUV	173.0920, -76.4604, 70.9563
Hunter-Lab	68.5239, 20.4958, 42.0878

Details

The XYZ color **53.9026, 46.9552, 6.7945** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **23.7149, 18.4365, 96.0739**, and the grayscale version is **40.1111, 42.2000, 45.9558**.

A 20% lighter version of the original color is **67.6925, 71.5416, 18.8355**, and **27.0618, 22.2282, 2.8642** is the 20% darker color. If you saturate the color by 10%, you get **52.5920, 44.5091, 5.8192**, and if you desaturate by 10%, it is **56.0515, 50.7184, 9.1604**.

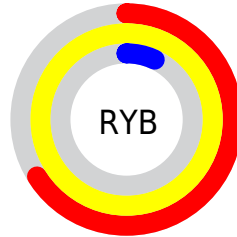
Distribution



Red (100%)

Green (64%)

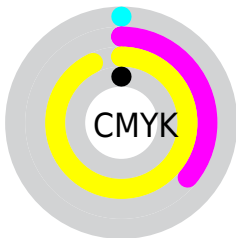
Blue (7%)



Red (66%)

Yellow (100%)

Blue (7%)

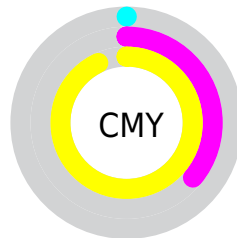


Cyan (0%)

Magenta (36%)

Yellow (93%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9026, 46.9552, 6.7945 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 53.9026, 46.9552, 6.7945 by changing the saturation by 10% instead.


 53.9026, 46.9552,
6.7945


 53.9026, 46.9552,
6.7945


391.9429,
374.6357, 175.5107

 38.7542, 33.0002,
3.2574


 95.0890, 85.6467,
20.0644

 26.7484, 22.1266,
1.2275


 121.8576,
111.1521, 30.6342


 17.5200, 13.9500,
0.0013

 153.2303,
141.2764, 44.3855

 10.7035, 8.0859,
0.0000

 189.5725,
176.4041, 61.7366

 5.9336, 4.1500,
0.0000

 231.2495,
216.9194, 83.1061

 2.8450, 1.7578,
0.0000

 278.6266,

 1.0724, 0.4607,

263.2069, 108.9126

0.0000

332.0693,
315.6508, 139.5746

■ 0.0018, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9026, 46.9552,
6.7945

■ 53.9026, 46.9552,
6.7945

■ 52.5920, 44.5091,
5.8192

■ 56.0515, 50.7184,
9.1604

■ 58.6300, 54.8760,
13.1012

■ 61.6888, 59.4551,
18.8635

■ 65.2689, 64.4766,
26.6503

69.4063, 69.9593,
36.6370

74.1332, 75.9206,
48.9801

79.4792, 82.3763,
63.8216

85.4713, 89.3414,
81.2922

92.1350, 96.8302,
101.5133

Harmonies

Analogous

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



68.6197, 46.9552, 14.5062



53.9026, 46.9552, 6.7945



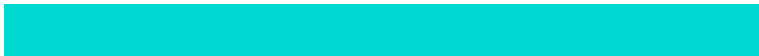
39.2773, 46.9552, 6.1909

Triad

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



53.9026, 46.9552, 6.7945



22.6702, 46.9552, 68.8356



65.6271, 46.9552, 135.9656

Complementary

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



53.9026, 46.9552, 6.7945



23.7149, 18.4365, 96.0739

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.



50.4471, 46.9552, 174.3753



53.9026, 46.9552, 6.7945



27.0052, 46.9552, 123.8134

Square

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



53.9026, 46.9552, 6.7945



23.2057, 46.9552, 30.0464



36.4860, 46.9552, 169.0159



76.3271, 46.9552, 80.2939

Rectangle

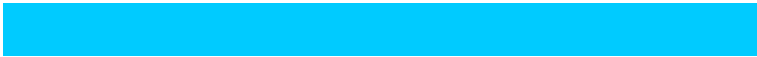
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.9026, 46.9552, 6.7945



31.6431, 46.9552, 9.0195



36.4860, 46.9552, 169.0159



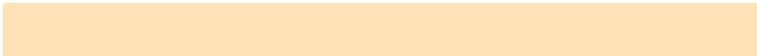
60.7566, 46.9552, 152.3920

Sweetspot

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



53.9036, 46.9576, 6.7954



77.3647, 79.7337, 56.4405



44.0365, 22.6825, 17.5050



16.0742, 16.4751, 10.7511



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.



53.9036, 46.9576, 6.7954



53.0611, 44.9022, 5.8704



68.3125, 87.8161, 13.9224



18.9320, 19.8321, 18.9745



27.8750, 23.7612, 3.1172



2.8204, 2.5261, 0.3389

Inverse Universe

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



23.7149, 18.4365, 96.0739



22.5500, 16.2201, 96.5500



19.0446, 8.0726, 94.3197



17.5837, 18.5390, 22.9016



11.9173, 8.7441, 50.4943



1.2628, 1.0562, 4.9506

Previews

White Background



This preview shows how the XYZ color 53.9026, 46.9552, 6.7945 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 53.9026, 46.9552, 6.7945 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 53.9026, 46.9552, 6.7945

Background



This preview shows how black text looks on a background with the XYZ color 53.9026, 46.9552, 6.7945.



This preview shows how white text looks on a background with the XYZ color 53.9026, 46.9552,

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

53.9026, 46.9552, 6.7945

Protanopia

42.5735, 47.0634, 7.8176

Deuteranopia

47.8986, 46.8761, 6.5235



Tritanopia

59.4964, 47.0515, 41.0680

Trichromacy



Original Color

53.9026, 46.9552, 6.7945

Protanomaly

45.9161, 46.4098, 7.3486

Deuteranomaly

49.8229, 46.7420, 6.5972

Tritanomaly

56.1662, 46.5216, 21.0582

Monochromacy



Original Color

53.9026, 46.9552, 6.7945

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.7560, 42.2168, 22.7775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9026, 46.9552, 6.7945 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(254, 162, 18)` looks like.

```
.text, #text, p{  
    color:rgb(254, 162, 18)  
}
```

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(254, 162, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 162, 18) }
```

Border

The CSS property to change the border of an element to XYZ 53.9026, 46.9552, 6.7945 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(254, 162, 18) }
```


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

```
.border{ border-color:rgb(254, 162, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 162, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 162, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 162, 18);  
box-shadow:4px 4px 4px 4px rgb(254, 162,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9026, 46.9552, 6.7945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 162, 18) }
```

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

```
.background{ background-color: rgb(254,  
162, 18) }
```

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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