

Converting Colors

XYZ(54.7823, 52.7591, 7.2983)

Have a look what the booklet for
XYZ(54.7823, 52.7591, 7.2983)
contains.

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Color

**XYZ(54.8816, 52.8219,
7.3031)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B500
RGB	247, 181, 0
RGB Percent	97%, 71%, 0%
CMY	0.0314, 0.2902, 0.9999
CMYK	0.00, 0.27, 1.00, 0.03
HSL	44°, 100%, 48%
HSV	44°, 100%, 97%
XYZ	54.8816, 52.8219, 7.3031
YIQ	180.1000, 97.4370, -42.2990

Conversions

Conversions Part 2

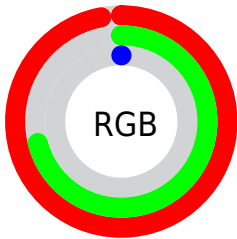
Format	Color
R _Y B	90, 247, 0
Decimal	16233728
CIE Lab	77.77, 12.18, 80.41
CIE LCh	78, 81.328, 81.389
Yxy	52.8219, 0.4772, 0.4593
Android (android.graphics.Color)	4294423808 (0xFFFF7B500)
YUV	180.1000, -88.7893, 58.6713
Hunter-Lab	72.6787, 7.6024, 44.9173

Details

The XYZ color **54.8816, 52.8219, 7.3031** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **18.7375, 10.6133, 89.0558**, and the grayscale version is **43.8642, 46.1486, 50.2558**.

A 20% lighter version of the original color is **73.0472, 82.4376, 20.0447**, and **27.8578, 26.0148, 3.5531** is the 20% darker color. If you saturate the color by 10%, you get **54.8816, 52.8223, 7.3032**, and if you desaturate by 10%, it is **56.4292, 55.6415, 8.6697**.

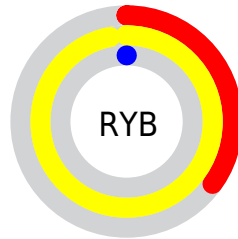
Distribution



Red (97%)

Green (71%)

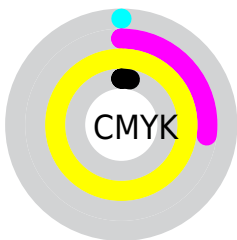
Blue (0%)



Red (35%)

Yellow (97%)

Blue (0%)

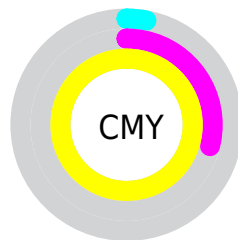


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (3%)



Cyan (3%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8816, 52.8219, 7.3031 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 54.8816, 52.8219, 7.3031 by changing the saturation by 10% instead.


 54.8816, 52.8219,
7.3031


 54.8816, 52.8219,
7.3031


395.6067,
397.6014, 179.8844


 39.5404, 37.6606,
3.5711


 96.5168, 94.3422,
21.1036


 27.3630, 25.7194,
1.3931


 123.5415,
121.4701, 32.0091


 17.9840, 16.6138,
0.1363


 155.1914,
153.3556, 46.1429

 11.0381, 9.9595,
0.0000

 191.8319,
190.3831, 63.9235

 6.1600, 5.3721,
0.0000

 233.8283,
232.9371, 85.7693

 2.9842, 2.4672,
0.0000

 281.5460,

 1.1454, 0.8602,

281.4018, 112.0991

0.0000

335.3504,
336.1618, 143.3313

■ 0.0626, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8816, 52.8219,
7.3031

■ 54.8816, 52.8219,
7.3031

■ 54.8816, 52.8223,
7.3032

■ 56.4292, 55.6415,
8.6697

■ 58.2584, 58.6748,
11.2072

■ 60.4389, 61.9529,
15.2724

■ 63.0122, 65.4939,
21.0798

■ 66.0132, 69.3130,
28.8094

■ 69.4725, 73.4238,
38.6188

■ 73.4176, 77.8384,
50.6491

■ 77.8739, 82.5682,
65.0290

■ 82.8644, 87.6237,
81.8774

Harmonies

Analogous

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



71.5923, 52.8219, 12.8580



54.8816, 52.8219, 7.3031



39.9442, 52.8219, 8.6403

Triad

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



54.8816, 52.8219, 7.3031



26.9431, 52.8219, 95.3304



77.8060, 52.8219, 130.4604

Complementary

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



54.8816, 52.8219, 7.3031



18.7375, 10.6133, 89.0558

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.



62.0892, 52.8219, 182.0988



54.8816, 52.8219, 7.3031



33.5685, 52.8219, 155.4894

Square

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



54.8816, 52.8219, 7.3031



25.8066, 52.8219, 45.4722



45.8031, 52.8219, 193.0926



86.5278, 52.8219, 71.5137

Rectangle

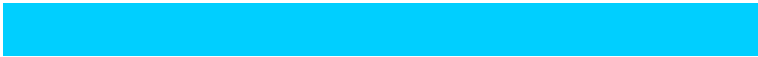
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.8816, 52.8219, 7.3031



32.7154, 52.8219, 13.8800



45.8031, 52.8219, 193.0926



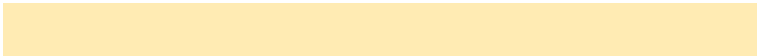
73.0274, 52.8219, 150.3003

Sweetspot

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



54.8828, 52.8246, 7.3041



78.9085, 83.6592, 54.3721



39.4630, 20.2166, 7.6162



16.4925, 17.4689, 10.4057



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.



54.8828, 52.8246, 7.3041



58.9816, 56.7433, 7.8439



55.3772, 77.9225, 12.1224



17.5182, 18.5206, 17.4491



29.1484, 28.1823, 3.9034



2.6461, 2.6454, 0.3711

Inverse Universe

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



18.7375, 10.6133, 89.0558



20.1253, 11.3706, 95.7418



18.2849, 7.4872, 88.4763



15.9413, 16.6469, 20.9155



10.0084, 5.8105, 47.1321



0.9608, 0.6731, 4.1695

Previews

White Background



This preview shows how the XYZ color 54.8816, 52.8219, 7.3031 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 54.8816, 52.8219, 7.3031 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 54.8816, 52.8219, 7.3031

Background



This preview shows how black text looks on a background with the XYZ color 54.8816, 52.8219, 7.3031.



This preview shows how white text looks on a background with the XYZ color 54.8816, 52.8219,

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

54.8816, 52.8219, 7.3031

Protanopia

47.7645, 52.9233, 8.1132

Deuteranopia

54.2417, 53.1001, 7.3905



Tritanopia

63.5831, 52.6015, 50.5180

Trichromacy



Original Color

54.8816, 52.8219, 7.3031

Protanomaly

50.2418, 52.9089, 7.8229

Deuteranomaly

54.3841, 52.8684, 7.3383

Tritanomaly

58.1830, 51.8204, 23.1554

Monochromacy



Original Color

54.8816, 52.8219, 7.3031

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.3176, 46.7177, 22.9013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8816, 52.8219, 7.3031 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(247, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 181, 0)  
}
```

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(247, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 181, 0) }
```

Border

The CSS property to change the border of an element to XYZ 54.8816, 52.8219, 7.3031 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(247, 181, 0) }
```


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

```
.border{ border-color:rgb(247, 181, 0) }
```

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

Here you see how a box with a 4 pixel rgb(247, 181, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 181, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 181, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 181,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8816, 52.8219, 7.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 181, 0) }
```

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

```
.background{ background-color: rgb(247,  
181, 0) }
```

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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