

Converting Colors

XYZ(52.6187, 52.0434, 7.2721)

Have a look what the booklet for
XYZ(52.6187, 52.0434, 7.2721)
contains.

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Color

**XYZ(52.6631, 51.9812,
7.2577)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B600
RGB	240, 182, 0
RGB Percent	94%, 71%, 0%
CMY	0.0588, 0.2862, 0.9999
CMYK	0.00, 0.24, 1.00, 0.06
HSL	46°, 100%, 47%
HSV	46°, 100%, 94%
XYZ	52.6631, 51.9812, 7.2577
YIQ	178.5940, 92.9900, -44.3060

Conversions

Conversions Part 2

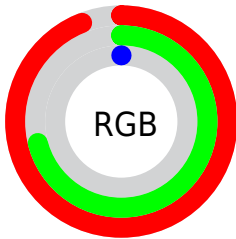
Format	Color
R_{YB}	76, 240, 0
Decimal	15775232
CIE _{Lab}	77.27, 8.65, 79.72
CIE _{LCh}	77, 80.185, 83.810
Yxy	51.9812, 0.4706, 0.4645
Android (android.graphics.Color)	4293965312 (0xFFFF0B600)
YUV	178.5940, -88.0468, 53.8531
Hunter-Lab	72.0980, 4.2117, 44.5002

Details

The XYZ color **52.6631, 51.9812, 7.2577** 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 **17.2418, 9.3185, 83.3272**, and the grayscale version is **43.0530, 45.2951, 49.3263**.

A 20% lighter version of the original color is **73.3375, 83.0183, 20.1415**, and **26.3427, 25.4302, 3.5201** is the 20% darker color. If you saturate the color by 10%, you get **52.6632, 51.9819, 7.2579**, and if you desaturate by 10%, it is **54.0418, 54.4749, 8.5315**.

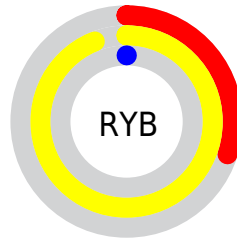
Distribution



Red (94%)

Green (71%)

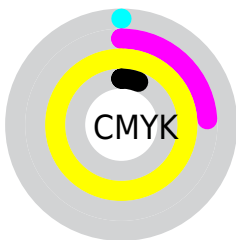
Blue (0%)



Red (30%)

Yellow (94%)

Blue (0%)

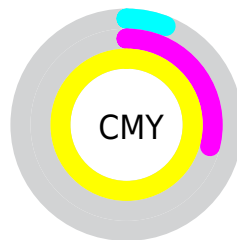


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6631, 51.9812, 7.2577 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 52.6631, 51.9812, 7.2577 by changing the saturation by 10% instead.

52.6631, 51.9812,
7.2577

52.6631, 51.9812,
7.2577

387.2733,
394.3640, 179.4995

37.7603, 36.9901,
3.5429

93.2769, 93.1035,
21.0114

25.9731, 25.1998,
1.3781

119.7186,
120.0035, 31.8874

16.9361, 16.2260,
0.1245

150.7373,
151.6419, 45.9876

10.2839, 9.6842,
0.0000

186.6983,
188.4031, 63.7304

5.6513, 5.1901,
0.0000

227.9671,
230.6716, 85.5345

2.6729, 2.3592,
0.0000

274.9090,

0.9832, 0.8048,

278.8316, 111.8183

0.0000

327.8892,
333.2676, 143.0005

■ 0.0000, 0.0000,
0.0000

■ 52.6631, 51.9812,
7.2577

■ 52.6631, 51.9812,
7.2577

■ 52.6632, 51.9819,
7.2579

■ 54.0418, 54.4749,
8.5315

■ 55.6729, 57.1471,
10.8945

■ 57.6220, 60.0270,
14.6834

■ 59.9275, 63.1309,
20.0976

■ 62.6216, 66.4726,
27.3050

■ 65.7328, 70.0644,
36.4520

■ 69.2865, 73.9171,
47.6701

■ 73.3059, 78.0410,
61.0792

■ 77.8126, 82.4456,
76.7900

Harmonies

Analogous

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



68.9988, 51.9812, 12.0772



52.6631, 51.9812, 7.2577



38.4069, 51.9812, 9.1020

Triad

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



52.6631, 51.9812, 7.2577



26.9950, 51.9812, 98.1218



77.3127, 51.9812, 122.7542

Complementary

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



52.6631, 51.9812, 7.2577



17.2418, 9.3185, 83.3272

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.



62.3283, 51.9812, 174.7693



52.6631, 51.9812, 7.2577



33.9258, 51.9812, 156.1177

Square

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



52.6631, 51.9812, 7.2577



25.4586, 51.9812, 47.9519



46.2871, 51.9812, 189.3934



85.0104, 51.9812, 66.2270

Rectangle

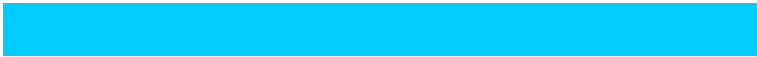
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.6631, 51.9812, 7.2577



31.6366, 51.9812, 14.8486



46.2871, 51.9812, 189.3934



72.8282, 51.9812, 142.3191

Sweetspot

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



52.6643, 51.9838, 7.2587



79.4697, 84.7815, 54.5591



36.7510, 18.8519, 5.9786



16.6274, 17.7387, 10.4506



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.



52.6643, 51.9838, 7.2587



60.3937, 59.5674, 8.3146



49.9832, 72.0234, 11.2680



16.7804, 17.7740, 16.6960



28.9378, 28.6736, 4.0094



2.4838, 2.5384, 0.3590

Inverse Universe

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



17.2418, 9.3185, 83.3272



19.7521, 10.6242, 95.6174



17.5925, 7.2527, 82.9099



15.2074, 15.8490, 19.9792



9.5243, 5.2728, 45.6436



0.8674, 0.5888, 3.8221

Previews

White Background



This preview shows how the XYZ color 52.6631, 51.9812, 7.2577 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 52.6631, 51.9812, 7.2577 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 52.6631, 51.9812, 7.2577

Background



This preview shows how black text looks on a background with the XYZ color 52.6631, 51.9812, 7.2577.



This preview shows how white text looks on a background with the XYZ color 52.6631, 51.9812,

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

52.6631, 51.9812, 7.2577

Protanopia

47.2412, 52.3273, 7.9911

Deuteranopia

53.1802, 51.9403, 7.4236



Tritanopia

61.6984, 51.8931, 51.0205

Trichromacy



Original Color

52.6631, 51.9812, 7.2577

Protanomaly

49.0784, 51.9915, 7.6784

Deuteranomaly

52.8214, 51.7573, 7.3210

Tritanomaly

56.2945, 51.1259, 23.4242

Monochromacy



Original Color

52.6631, 51.9812, 7.2577

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.4459, 46.2749, 22.5617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6631, 51.9812, 7.2577 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(240, 182, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 182, 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(240, 182, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 182, 0) }
```

Border

The CSS property to change the border of an element to XYZ 52.6631, 51.9812, 7.2577 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(240, 182, 0) }
```


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

```
.border{ border-color:rgb(240, 182, 0) }
```

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

Here you see how a box with a 4 pixel rgb(240, 182, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 182, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 182, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 182,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6631, 51.9812, 7.2577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 182, 0) }
```

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

```
.background{ background-color: rgb(240,  
182, 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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