

Converting Colors

XYZ(56.9994, 52.6061, 7.7156)

Have a look what the booklet for
XYZ(56.9994, 52.6061, 7.7156)
contains.

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Color

**XYZ(57.0713, 52.7480,
7.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB112
RGB	255, 177, 18
RGB Percent	100%, 69%, 7%
CMY	0.0000, 0.3059, 0.9294
CMYK	0.00, 0.31, 0.93, 0.00
HSL	40°, 100%, 54%
HSV	40°, 93%, 100%
XYZ	57.0713, 52.7480, 7.7457
YIQ	182.1960, 97.5270, -32.9130

Conversions

Conversions Part 2

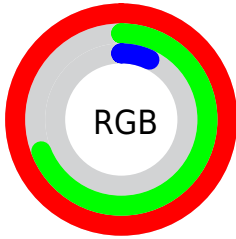
Format	Color
RYB	134, 255, 18
Decimal	16757010
CIELab	77.73, 17.83, 78.73
CIELCh	78, 80.721, 77.238
Yxy	52.7480, 0.4854, 0.4487
Android (android.graphics.Color)	4294947090 (0xFFFFB112)
YUV	182.1960, -80.9486, 63.8491
Hunter-Lab	72.6278, 13.1675, 44.5162

Details

The XYZ color **57.0713, 52.7480, 7.7457** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **22.4828, 15.7153, 96.4552**, and the grayscale version is **44.9628, 47.3044, 51.5145**.

A 20% lighter version of the original color is **71.8169, 79.6613, 20.6078**, and **29.0718, 25.8737, 3.4619** is the 20% darker color. If you saturate the color by 10%, you get **55.8175, 50.4155, 6.7893**, and if you desaturate by 10%, it is **59.1177, 56.3032, 10.0869**.

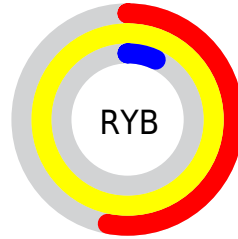
Distribution



Red (100%)

Green (69%)

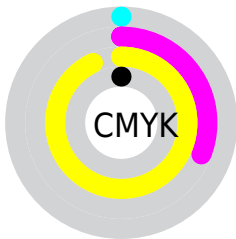
Blue (7%)



Red (53%)

Yellow (100%)

Blue (7%)

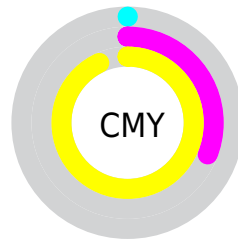


Cyan (0%)

Magenta (31%)

Yellow (93%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0713, 52.7480, 7.7457 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 57.0713, 52.7480, 7.7457 by changing the saturation by 10% instead.

 57.0713, 52.7480,
7.7457


 57.0713, 52.7480,
7.7457


403.7263,
397.3175, 183.5831


 41.3028, 37.6016,
3.8472


 99.7000, 94.2335,
21.9963

 28.7445, 25.6737,
1.5419


 127.2909,
121.3413, 33.1854

 19.0309, 16.5797,
0.2489


 159.5534,
153.2052, 47.6419

 11.7968, 9.9353,
0.0000

 196.8528,
190.2094, 65.7843

 6.6767, 5.3561,
0.0000

 239.5544,
232.7383, 88.0310

 3.3052, 2.4576,
0.0000

 288.0236,

 1.3172, 0.8553,

281.1764, 114.8007

0.0000

342.6258,
335.9080, 146.5119

■ 0.1960, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0713, 52.7480,
7.7457

■ 57.0713, 52.7480,
7.7457

■ 55.8175, 50.4155,
6.7893

■ 59.1177, 56.3032,
10.0869

■ 61.5595, 60.1803,
14.0038

■ 64.4466, 64.4043,
19.7453

■ 67.8194, 68.9939,
27.5161

71.7130, 73.9659,
37.4930

76.1589, 79.3354,
49.8336

81.1857, 85.1164,
64.6811

86.8198, 91.3219,
82.1669

93.0860, 97.9642,
102.4136

Harmonies

Analogous

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



73.4328, 52.7480, 14.5853



57.0713, 52.7480, 7.7457



41.7465, 52.7480, 8.2123

Triad

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



57.0713, 52.7480, 7.7457



26.5619, 52.7480, 86.9010



75.5942, 52.7480, 137.9287

Complementary

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



57.0713, 52.7480, 7.7457



22.4828, 15.7153, 96.4552

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.



59.5789, 52.7480, 185.0889



57.0713, 52.7480, 7.7457



32.3741, 52.7480, 146.6297

Square

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



57.0713, 52.7480, 7.7457



26.1661, 52.7480, 40.4419



43.7855, 52.7480, 188.9108



85.5281, 52.7480, 78.6211

Rectangle

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



57.0713, 52.7480, 7.7457



34.0600, 52.7480, 12.5500



43.7855, 52.7480, 188.9108



70.6083, 52.7480, 156.8163

Sweetspot

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



57.0725, 52.7507, 7.7467



78.5666, 82.1374, 56.8411



43.6142, 22.5561, 13.3664



16.3644, 17.0554, 10.8479



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.



57.0725, 52.7507, 7.7467



55.8180, 50.4160, 6.7893



64.0407, 86.0861, 13.8138



19.0279, 20.0240, 19.0065



29.3085, 26.6281, 3.5950



2.9537, 2.7927, 0.3834

Inverse Universe

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



22.4828, 15.7153, 96.4552



21.2141, 13.5482, 96.1047



19.9830, 8.5379, 95.2016



17.4912, 18.3541, 22.8708



11.2057, 7.3210, 50.2571



1.1861, 0.9029, 4.9250

Previews

White Background



This preview shows how the XYZ color 57.0713, 52.7480, 7.7457 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 57.0713, 52.7480, 7.7457 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 57.0713, 52.7480, 7.7457

Background



This preview shows how black text looks on a background with the XYZ color 57.0713, 52.7480, 7.7457.



This preview shows how white text looks on a background with the XYZ color 57.0713, 52.7480,

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

57.0713, 52.7480, 7.7457

Protanopia

47.8501, 52.9576, 8.5640

Deuteranopia

53.7230, 52.5237, 7.4789



Tritanopia

63.3793, 52.5199, 49.4447

Trichromacy



Original Color

57.0713, 52.7480, 7.7457

Protanomaly

50.8701, 52.5875, 8.2283

Deuteranomaly

54.7338, 52.4386, 7.5240

Tritanomaly

59.1931, 51.7419, 24.6367

Monochromacy



Original Color

57.0713, 52.7480, 7.7457

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.1286, 47.6030, 25.1694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0713, 52.7480, 7.7457 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(255, 177, 18)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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(255, 177, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 18) }
```

Border

The CSS property to change the border of an element to XYZ 57.0713, 52.7480, 7.7457 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(255, 177, 18) }
```


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

```
.border{ border-color:rgb(255, 177, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 18);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0713, 52.7480, 7.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 18) }
```

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

```
.background{ background-color: rgb(255,  
177, 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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