

Converting Colors

XYZ(56.7329, 52.9081, 12.1327)

Have a look what the booklet for
XYZ(56.7329, 52.9081, 12.1327)
contains.

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Color

**XYZ(56.6295, 52.7202,
12.0418)**

Conversions

Conversions Part 1

Format	Color
Hex	FBB240
RGB	251, 178, 64
RGB Percent	98%, 70%, 25%
CMY	0.0157, 0.3019, 0.7490
CMYK	0.00, 0.29, 0.75, 0.02
HSL	37°, 96%, 62%
HSV	37°, 75%, 98%
XYZ	56.6295, 52.7202, 12.0418
YIQ	186.8310, 80.1020, -19.9780

Conversions

Conversions Part 2

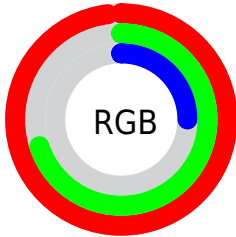
Format	Color
RYB	184, 251, 64
Decimal	16495168
CIELab	77.71, 16.81, 65.57
CIELCh	78, 67.688, 75.620
Yxy	52.7202, 0.4665, 0.4343
Android (android.graphics.Color)	4294685248 (0xFFFBB240)
YUV	186.8310, -60.5557, 56.2762
Hunter-Lab	72.6087, 12.1519, 40.9931

Details

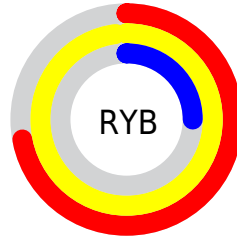
The XYZ color **56.6295, 52.7202, 12.0418** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **28.4722, 25.9453, 94.7735**, and the grayscale version is **47.4392, 49.9097, 54.3517**.

A 20% lighter version of the original color is **73.9328, 81.4136, 28.9573**, and **28.5688, 25.6144, 3.4383** is the 20% darker color. If you saturate the color by 10%, you get **54.1893, 48.7376, 8.4623**, and if you desaturate by 10%, it is **59.5324, 57.1151, 17.3606**.

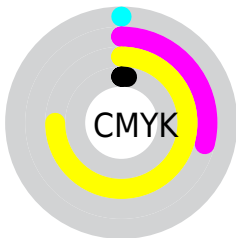
Distribution



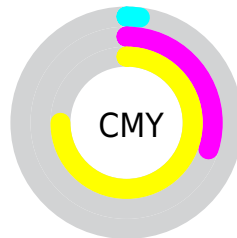
- Red (98%)
- Green (70%)
- Blue (25%)



- Red (72%)
- Yellow (98%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (75%)
- Black (2%)



- Cyan (2%)
- Magenta (30%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6295, 52.7202, 12.0418 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 56.6295, 52.7202, 12.0418 by changing the saturation by 10% instead.

56.6295, 52.7202,
12.0418

56.6295, 52.7202,
12.0418

402.0962,
397.2107, 215.6695

40.9468, 37.5795,
6.6493

99.0589, 94.1925,
30.2367

28.4650, 25.6565,
3.1686

126.5363,
121.2929, 43.8762

18.8187, 16.5668,
1.1814

158.6760,
153.1486, 61.1018

11.6426, 9.9261,
0.0000

195.8433,
190.1440, 82.3320

6.5713, 5.3500,
0.0000

238.4036,
232.6635, 107.9853

3.2394, 2.4540,
0.0000

286.7223,

1.2816, 0.8535,

281.0915, 138.4803

0.0000

341.1647,
335.8125, 174.2355

■ 0.1694, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6295, 52.7202,
12.0418

■ 56.6295, 52.7202,
12.0418

■ 54.1893, 48.7376,
8.4623

■ 59.5324, 57.1151,
17.3606

■ 52.1586, 45.1347,
6.3713

■ 62.9355, 61.9351,
24.6180

■ 51.1785, 43.2993,
5.6602

■ 66.8756, 67.2016,
33.9890

■ 71.3845, 72.9315,
45.6281

■ 76.4911, 79.1404,
59.6752

■ 82.2223, 85.8432,
76.2588

■ 88.6030, 93.0538,
95.4984

■ 93.5934, 99.2491,
108.8318

Harmonies

Analogous

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



69.8742, 52.7202, 19.7378



56.6295, 52.7202, 12.0418



43.6276, 52.7202, 12.1850

Triad

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



56.6295, 52.7202, 12.0418



29.5526, 52.7202, 79.1024



70.3562, 52.7202, 124.0942

Complementary

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



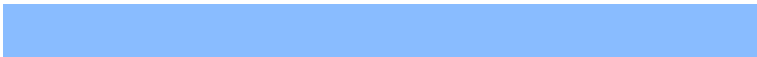
56.6295, 52.7202, 12.0418



28.4722, 25.9453, 94.7735

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.



57.2024, 52.7202, 158.6905



56.6295, 52.7202, 12.0418



34.4740, 52.7202, 125.9482

Square

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



56.6295, 52.7202, 12.0418



29.4535, 52.7202, 41.2848



44.1092, 52.7202, 159.4873



78.6867, 52.7202, 77.2506

Rectangle

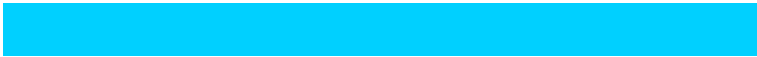
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.6295, 52.7202, 12.0418



36.8227, 52.7202, 16.4611



44.1092, 52.7202, 159.4873



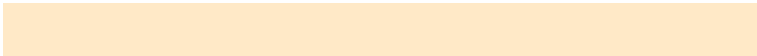
66.2591, 52.7202, 138.2922

Sweetspot

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



56.6307, 52.7228, 12.0428



80.7049, 83.7143, 65.8769



46.2628, 26.0346, 26.9371



16.9439, 17.5263, 13.1621



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.



56.6307, 52.7228, 12.0428



55.1614, 48.7664, 7.6073



68.7986, 86.5702, 17.9347



18.1254, 18.9867, 18.1719



27.0475, 23.0516, 3.0238



2.6081, 2.3410, 0.3144

Inverse Universe

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



28.4722, 25.9453, 94.7735



24.8495, 20.1060, 97.1789



22.7872, 12.4577, 92.4698



16.8387, 17.7542, 21.9247



11.5788, 8.5131, 49.0065



1.1721, 0.9878, 4.5721

Previews

White Background



This preview shows how the XYZ color 56.6295, 52.7202, 12.0418 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 56.6295, 52.7202, 12.0418 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 56.6295, 52.7202, 12.0418

Background



This preview shows how black text looks on a background with the XYZ color 56.6295, 52.7202, 12.0418.



This preview shows how white text looks on a background with the XYZ color 56.6295, 52.7202,

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

56.6295, 52.7202, 12.0418

Protanopia

48.1377, 53.0044, 13.1626

Deuteranopia

54.0786, 52.9155, 11.9209



Tritanopia

63.4809, 52.5606, 49.9794

Trichromacy



Original Color

56.6295, 52.7202, 12.0418

Protanomaly

50.9912, 52.8657, 12.8268

Deuteranomaly

55.0773, 52.8191, 11.9948

Tritanomaly

60.2130, 52.4109, 30.9875

Monochromacy



Original Color

56.6295, 52.7202, 12.0418

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.6013, 49.9356, 32.6682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6295, 52.7202, 12.0418 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(251, 178, 64)` looks like.

```
.text, #text, p{  
    color:rgb(251, 178, 64)  
}
```

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(251, 178, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 178, 64) }
```

Border

The CSS property to change the border of an element to XYZ 56.6295, 52.7202, 12.0418 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(251, 178, 64) }
```


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

```
.border{ border-color:rgb(251, 178, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 178, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 178, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 178, 64);  
box-shadow:4px 4px 4px 4px rgb(251, 178,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6295, 52.7202, 12.0418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 178, 64) }
```

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

```
.background{ background-color: rgb(251,  
178, 64) }
```

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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