

Converting Colors

XYZ(56.7967, 57.4933, 12.1202)

Have a look what the booklet for
XYZ(56.7967, 57.4933, 12.1202)
contains.

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Color

**XYZ(56.7958, 57.5001,
12.1082)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C13A
RGB	243, 193, 58
RGB Percent	95%, 76%, 23%
CMY	0.0471, 0.2431, 0.7725
CMYK	0.00, 0.21, 0.76, 0.05
HSL	44°, 89%, 59%
HSV	44°, 76%, 95%
XYZ	56.7958, 57.5001, 12.1082
YIQ	192.5600, 73.1350, -31.3850

Conversions

Conversions Part 2

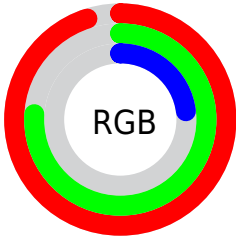
Format	Color
RYB	127, 243, 58
Decimal	15974714
CIELab	80.46, 5.37, 70.13
CIELCh	80, 70.339, 85.624
Yxy	57.5001, 0.4493, 0.4549
Android (android.graphics.Color)	4294164794 (0xFFFF3C13A)
YUV	192.5600, -66.3381, 44.2359
Hunter-Lab	75.8288, 0.9961, 43.6129

Details

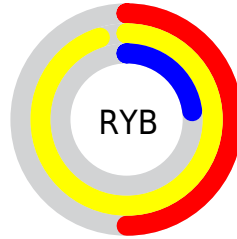
The XYZ color **56.7958, 57.5001, 12.1082** is a light color, and the websafe version is hex **FFCC33**, and the color name is **amur cork tree (kihada)**. The color can be described as light washed yellow. A complement of this color would be **23.2851, 18.0953, 87.0588**, and the grayscale version is **50.7786, 53.4230, 58.1777**.

A 20% lighter version of the original color is **78.1529, 90.2263, 29.2159**, and **28.6695, 28.7013, 4.0289** is the 20% darker color. If you saturate the color by 10%, you get **54.8980, 54.4718, 9.1118**, and if you desaturate by 10%, it is **59.0521, 60.7796, 16.6629**.

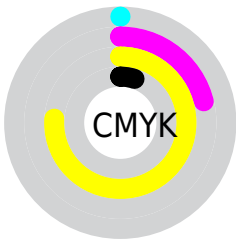
Distribution



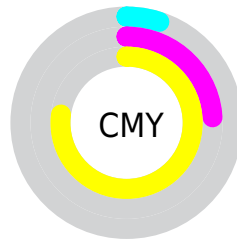
- Red (95%)
- Green (76%)
- Blue (23%)



- Red (50%)
- Yellow (95%)
- Blue (23%)



- Cyan (0%)
- Magenta (21%)
- Yellow (76%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7958, 57.5001, 12.1082 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 56.7958, 57.5001, 12.1082 by changing the saturation by 10% instead.

56.7958, 57.5001,
12.1082

56.7958, 57.5001,
12.1082

402.7103,
415.3206, 216.1236

41.0808, 41.4069,
6.6940

99.3003, 101.1945,
30.3594

28.5702, 28.6372,
3.1959

126.8204,
129.5645, 44.0334

18.8986, 18.8065,
1.1955

159.0064,
162.7956, 61.2977

11.7006, 11.5305,
0.0000

196.2235,
201.2721, 82.5710

6.6109, 6.4249,
0.0000

238.8371,
245.3785, 108.2716

3.2641, 3.1051,
0.0000

287.2125,

1.2949, 1.1869,

295.4991, 138.8183

0.0000

341.7151,
352.0183, 174.6294

■ 0.1794, 0.0509,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7958, 57.5001,
12.1082

■ 56.7958, 57.5001,
12.1082

■ 54.8980, 54.4718,
9.1118

■ 59.0521, 60.7796,
16.6629


■ 53.3090, 51.6664,
7.4330


■ 61.7000, 64.3179,
22.9639


■ 52.7495, 50.6299,
6.9923


■ 64.7727, 68.1318,
31.1758


■ 68.2984, 72.2339,
41.4434

 72.3027, 76.6356,
53.8974

 76.8089, 81.3476,
68.6574

 81.8388, 86.3796,
85.8345

 87.4130, 91.7410,
105.5325

 89.8560, 95.9629,
108.3945

Harmonies

Analogous

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



71.8566, 57.5001, 17.2674



56.7958, 57.5001, 12.1082



43.5129, 57.5001, 14.8246

Triad

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



56.7958, 57.5001, 12.1082



33.2637, 57.5001, 103.6287



80.8905, 57.5001, 119.0226

Complementary

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



56.7958, 57.5001, 12.1082



23.2851, 18.0953, 87.0588

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.



67.5466, 57.5001, 165.0178



56.7958, 57.5001, 12.1082



40.4395, 57.5001, 153.7213

Square

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



56.7958, 57.5001, 12.1082



31.3985, 57.5001, 56.7405



52.5631, 57.5001, 179.9103



87.2360, 57.5001, 68.8663

Rectangle

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



56.7958, 57.5001, 12.1082



37.1271, 57.5001, 21.8647



52.5631, 57.5001, 179.9103



76.9718, 57.5001, 136.2158

Sweetspot

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



56.7971, 57.5029, 12.1093



82.1543, 87.0827, 64.9123



41.3126, 23.2161, 17.1758



17.2112, 18.2419, 12.6933



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.



56.7971, 57.5029, 12.1093



60.3078, 59.1489, 9.0463



57.4202, 77.0910, 15.8574



17.5138, 18.5117, 17.4476



29.0685, 28.0226, 3.8768



2.6396, 2.6324, 0.3690

Inverse Universe

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



23.2851, 18.0953, 87.0588



21.7028, 14.0028, 96.1667



22.7373, 12.0992, 85.9303



15.9455, 16.6552, 20.9169



10.0326, 5.8589, 47.1401



0.9634, 0.6783, 4.1704

Previews

White Background



This preview shows how the XYZ color 56.7958, 57.5001, 12.1082 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 56.7958, 57.5001, 12.1082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

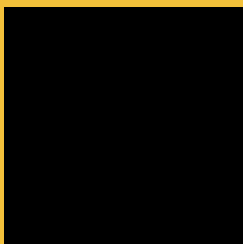
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7958, 57.5001, 12.1082

Background



This preview shows how black text looks on a background with the XYZ color 56.7958, 57.5001, 12.1082.



This preview shows how white text looks on a background with the XYZ color 56.7958, 57.5001,

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

56.7958, 57.5001, 12.1082

Protanopia

52.2104, 57.4821, 12.6183

Deuteranopia

58.9865, 57.6519, 12.1567



Tritanopia

66.2037, 57.2330, 58.5967

Trichromacy



Original Color

56.7958, 57.5001, 12.1082

Protanomaly

53.7107, 57.2372, 12.3547

Deuteranomaly

58.1316, 57.5338, 12.1789

Tritanomaly

61.5267, 56.8820, 34.5246

Monochromacy



Original Color

56.7958, 57.5001, 12.1082

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.9680, 54.0024, 34.1228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7958, 57.5001, 12.1082 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(243, 193, 58)` looks like.

```
.text, #text, p{  
    color:rgb(243, 193, 58)  
}
```

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(243, 193, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 193, 58) }
```

Border

The CSS property to change the border of an element to XYZ 56.7958, 57.5001, 12.1082 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(243, 193, 58) }
```


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

```
.border{ border-color:rgb(243, 193, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 193, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 193, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 193, 58);  
box-shadow:4px 4px 4px 4px rgb(243, 193,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7958, 57.5001, 12.1082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 193, 58) }
```

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

```
.background{ background-color: rgb(243,  
193, 58) }
```

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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