

Converting Colors

XYZ(57.0287, 56.9293, 10.3070)

Have a look what the booklet for
XYZ(57.0287, 56.9293, 10.3070)
contains.

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Color

**XYZ(57.0729, 57.0289,
10.2851)**

Conversions

Conversions Part 1

Format	Color
Hex	F6BF2B
RGB	246, 191, 43
RGB Percent	96%, 75%, 17%
CMY	0.0353, 0.2510, 0.8313
CMYK	0.00, 0.22, 0.83, 0.04
HSL	44°, 92%, 57%
HSV	44°, 83%, 96%
XYZ	57.0729, 57.0289, 10.2851
YIQ	190.5730, 80.2880, -34.3680

Conversions

Conversions Part 2

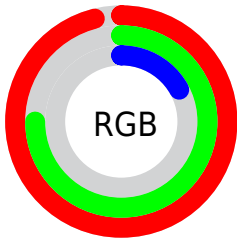
Format	Color
R _Y B	118, 246, 43
Decimal	16170795
CIE Lab	80.20, 7.19, 74.77
CIE LCh	80, 75.115, 84.508
Yxy	57.0289, 0.4588, 0.4585
Android (android.graphics.Color)	4294360875 (0xFFFF6BF2B)
YUV	190.5730, -72.7535, 48.6095
Hunter-Lab	75.5175, 2.7471, 44.7872

Details

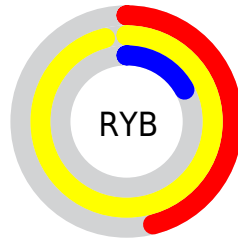
The XYZ color **57.0729, 57.0289, 10.2851** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **21.9985, 15.9026, 89.0982**, and the grayscale version is **49.6508, 52.2366, 56.8856**.

A 20% lighter version of the original color is **76.9489, 88.7608, 25.9089**, and **29.0961, 28.4912, 3.9658** is the 20% darker color. If you saturate the color by 10%, you get **55.3300, 54.0611, 8.1085**, and if you desaturate by 10%, it is **59.1561, 60.2432, 13.9163**.

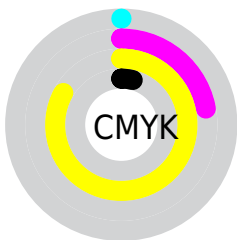
Distribution



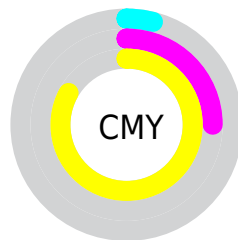
- Red (96%)
- Green (75%)
- Blue (17%)



- Red (46%)
- Yellow (96%)
- Blue (17%)



- Cyan (0%)
- Magenta (22%)
- Yellow (83%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0729, 57.0289, 10.2851 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 57.0729, 57.0289, 10.2851 by changing the saturation by 10% instead.


 57.0729, 57.0289,
10.2851


 57.0729, 57.0289,
10.2851


403.7322,
413.5576, 203.2531


 41.3041, 41.0284,
5.4803


 99.7023, 100.5074,
26.9465

 28.7455, 28.3413,
2.4681


 127.2936,
128.7541, 39.6403


 19.0317, 18.5831,
0.8232


 159.5566,
161.8518, 55.8008

 11.7973, 11.3694,
0.0000

 196.8564,
200.1848, 75.8465

 6.6770, 6.3159,
0.0000

 239.5585,
244.1375, 100.1961

 3.3055, 3.0381,
0.0000

 288.0283,

 1.3173, 1.1517,

294.0942, 129.2680

0.0000

342.6311,
350.4395, 163.4809

■ 0.1961, 0.0217,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0729, 57.0289,
10.2851

■ 57.0729, 57.0289,
10.2851

■ 55.3300, 54.0611,
8.1085


■ 59.1561, 60.2432,
13.9163


■ 54.1973, 51.9758,
7.1758


■ 61.6192, 63.7144,
19.2230


■ 64.4994, 67.4609,
26.3917


■ 67.8281, 71.4966,
35.5833

 71.6332, 75.8341,
46.9412

 75.9402, 80.4847,
60.5957

 80.7727, 85.4591,
76.6668

 86.1525, 90.7673,
95.2660

 90.5484, 95.7981,
108.3262

Harmonies

Analogous

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



73.1697, 57.0289, 15.6196



57.0729, 57.0289, 10.2851



42.8796, 57.0289, 12.6178

Triad

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



57.0729, 57.0289, 10.2851



31.5753, 57.0289, 104.0784



81.9010, 57.0289, 125.0865

Complementary

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



57.0729, 57.0289, 10.2851



21.9985, 15.9026, 89.0982

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.



67.3655, 57.0289, 174.8411



57.0729, 57.0289, 10.2851



38.8367, 57.0289, 159.2292

Square

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



57.0729, 57.0289, 10.2851



29.8508, 57.0289, 54.3650



51.4334, 57.0289, 189.6235



89.1333, 57.0289, 70.5246

Rectangle

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



57.0729, 57.0289, 10.2851



36.0650, 57.0289, 19.2687



51.4334, 57.0289, 189.6235



77.5885, 57.0289, 143.7868

Sweetspot

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



57.0742, 57.0317, 10.2862



81.1674, 86.0243, 61.7610



41.1954, 22.2511, 14.3129



17.0181, 18.0307, 12.0897



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.



57.0742, 57.0317, 10.2862



58.9415, 56.6407, 7.8994



57.7535, 78.6445, 14.4221



17.5128, 18.5098, 17.4473



29.0510, 27.9876, 3.8710



2.6382, 2.6296, 0.3685

Inverse Universe

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



21.9985, 15.9026, 89.0982



20.3314, 11.7354, 95.8013



21.4279, 10.4077, 88.0676



15.9464, 16.6571, 20.9172



10.0379, 5.8697, 47.1419



0.9640, 0.6794, 4.1706

Previews

White Background



This preview shows how the XYZ color 57.0729, 57.0289, 10.2851 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 57.0729, 57.0289, 10.2851 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 57.0729, 57.0289, 10.2851

Background



This preview shows how black text looks on a background with the XYZ color 57.0729, 57.0289, 10.2851.



This preview shows how white text looks on a background with the XYZ color 57.0729, 57.0289,

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

57.0729, 57.0289, 10.2851

Protanopia

51.8684, 57.3453, 10.8176

Deuteranopia

58.4359, 57.0863, 10.3217



Tritanopia

66.6748, 56.9066, 57.3391

Trichromacy



Original Color

57.0729, 57.0289, 10.2851

Protanomaly

53.6996, 57.2702, 10.6068

Deuteranomaly

57.9350, 57.1485, 10.3601

Tritanomaly

61.6658, 56.3974, 31.6804

Monochromacy



Original Color

57.0729, 57.0289, 10.2851

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.0101, 52.9166, 31.2450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0729, 57.0289, 10.2851 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(246, 191, 43)` looks like.

```
.text, #text, p{  
    color:rgb(246, 191, 43)  
}
```

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(246, 191, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 191, 43) }
```

Border

The CSS property to change the border of an element to XYZ 57.0729, 57.0289, 10.2851 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(246, 191, 43) }
```


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

```
.border{ border-color:rgb(246, 191, 43) }
```

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

Here you see how a box with a 4 pixel rgb(246, 191, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 191, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 191, 43);  
box-shadow:4px 4px 4px 4px rgb(246, 191,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0729, 57.0289, 10.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 191, 43) }
```

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

```
.background{ background-color: rgb(246,  
191, 43) }
```

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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