

Converting Colors

XYZ(58.6483, 56.4566, 10.1108)

Have a look what the booklet for
XYZ(58.6483, 56.4566, 10.1108)
contains.

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Color

**XYZ(58.7144, 56.5977,
10.1154)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBB2B
RGB	253, 187, 43
RGB Percent	99%, 73%, 17%
CMY	0.0078, 0.2666, 0.8313
CMYK	0.00, 0.26, 0.83, 0.01
HSL	41°, 98%, 58%
HSV	41°, 83%, 99%
XYZ	58.7144, 56.5977, 10.1154
YIQ	190.3180, 85.5600, -30.7920

Conversions

Conversions Part 2

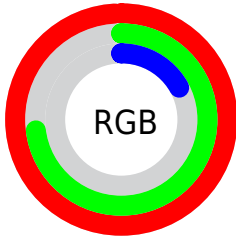
Format	Color
R _Y B	139, 253, 43
Decimal	16628523
CIE Lab	79.95, 12.24, 74.85
CIE LCh	80, 75.849, 80.711
Yxy	56.5977, 0.4681, 0.4512
Android (android.graphics.Color)	4294818603 (0xFFFDDB2B)
YUV	190.3180, -72.6278, 54.9721
Hunter-Lab	75.2314, 7.6553, 44.6900

Details

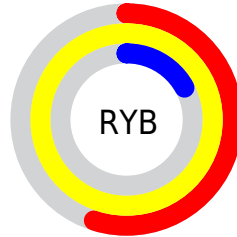
The XYZ color **58.7144, 56.5977, 10.1154** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **24.1946, 18.5426, 95.2317**, and the grayscale version is **49.5001, 52.0779, 56.7129**.

A 20% lighter version of the original color is **75.7388, 86.3405, 25.5055**, and **30.0110, 28.1266, 3.8472** is the 20% darker color. If you saturate the color by 10%, you get **56.7459, 53.1879, 7.8352**, and if you desaturate by 10%, it is **61.0661, 60.3148, 13.9414**.

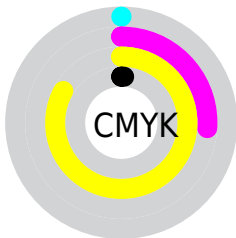
Distribution



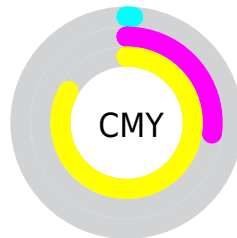
- Red (99%)
- Green (73%)
- Blue (17%)



- Red (55%)
- Yellow (99%)
- Blue (17%)



- Cyan (0%)
- Magenta (26%)
- Yellow (83%)
- Black (1%)





- Cyan (1%)
- Magenta (27%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7144, 56.5977, 10.1154 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 58.7144, 56.5977, 10.1154 by changing the saturation by 10% instead.


 58.7144, 56.5977,
10.1154


 58.7144, 56.5977,
10.1154


409.7538,
411.9401, 202.0084

 42.6287, 40.6823,
5.3689


 102.0795, 99.8779,
26.6235


 29.7872, 28.0710,
2.4028


 130.0896,
128.0116, 39.2223

 19.8244, 18.3792,
0.7880


 162.8052,
160.9868, 55.2755

 12.3750, 11.2225,
0.0000

 200.5917,
199.1880, 75.2018

 7.0736, 6.2167,
0.0000

 243.8145,
242.9995, 99.4197

 3.5549, 2.9773,
0.0000

 292.8389,

 1.4536, 1.1199,

292.8058, 128.3478

0.0000

348.0302,
348.9912, 162.4045

■ 0.2939, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7144, 56.5977,
10.1154

■ 58.7144, 56.5977,
10.1154

■ 56.7459, 53.1879,
7.8352


■ 61.0661, 60.3148,
13.9414


■ 55.5457, 50.9585,
6.9084


■ 63.8448, 64.3522,
19.5536


■ 67.0912, 68.7307,
27.1536

■ 70.8395, 73.4663,
36.9151

 75.1205, 78.5735,
48.9927

 79.9619, 84.0654,
63.5267

 85.3896, 89.9546,
80.6463

 91.4276, 96.2527,
100.4714

94.3177, 99.6225,
108.8657

Harmonies

Analogous

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



74.7965, 56.5977, 16.5479



58.7144, 56.5977, 10.1154



43.9916, 56.5977, 11.4817

Triad

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



58.7144, 56.5977, 10.1154



30.5880, 56.5977, 96.7255



80.1062, 56.5977, 132.3900

Complementary

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



58.7144, 56.5977, 10.1154



24.1946, 18.5426, 95.2317

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.



64.9550, 56.5977, 179.7715



58.7144, 56.5977, 10.1154



37.1452, 56.5977, 153.2608

Square

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



58.7144, 56.5977, 10.1154



29.5534, 56.5977, 48.9313



49.1573, 56.5977, 188.8340



88.6081, 56.5977, 76.3442

Rectangle

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



58.7144, 56.5977, 10.1154



36.7072, 56.5977, 17.1173



49.1573, 56.5977, 188.8340



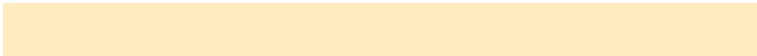
75.4998, 56.5977, 150.7913

Sweetspot

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



58.7157, 56.6005, 10.1165



80.3701, 84.4297, 61.4952



44.1594, 23.7258, 16.8628



16.8263, 17.6471, 12.0257



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.



58.7157, 56.6005, 10.1165



56.5434, 51.8669, 7.0311



63.4391, 84.7961, 15.3098



19.0515, 20.0712, 19.0143



29.6849, 27.3811, 3.7205



2.9883, 2.8619, 0.3949

Inverse Universe

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



24.1946, 18.5426, 95.2317



20.9287, 12.9773, 96.0096



22.0304, 10.5918, 93.8111



17.4688, 18.3091, 22.8633



11.0527, 7.0151, 50.2061



1.1691, 0.8688, 4.9194

Previews

White Background



This preview shows how the XYZ color 58.7144, 56.5977, 10.1154 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 58.7144, 56.5977, 10.1154 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 58.7144, 56.5977, 10.1154

Background



This preview shows how black text looks on a background with the XYZ color 58.7144, 56.5977, 10.1154.



This preview shows how white text looks on a background with the XYZ color 58.7144, 56.5977,

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

58.7144, 56.5977, 10.1154

Protanopia

51.3480, 56.7321, 10.8288

Deuteranopia

57.8255, 56.4576, 10.0402



Tritanopia

66.1474, 56.3784, 55.5399

Trichromacy



Original Color

58.7144, 56.5977, 10.1154

Protanomaly

53.9204, 56.7121, 10.5872

Deuteranomaly

58.1848, 56.6428, 10.0570

Tritanomaly

61.8409, 55.8962, 30.8222

Monochromacy



Original Color

58.7144, 56.5977, 10.1154

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.1535, 52.3475, 31.1276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7144, 56.5977, 10.1154 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(253, 187, 43)` looks like.

```
.text, #text, p{  
    color:rgb(253, 187, 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(253, 187, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 187, 43) }
```

Border

The CSS property to change the border of an element to XYZ 58.7144, 56.5977, 10.1154 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(253, 187, 43) }
```


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

```
.border{ border-color:rgb(253, 187, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 187, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 187, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 187, 43);  
box-shadow:4px 4px 4px 4px rgb(253, 187,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7144, 56.5977, 10.1154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 187, 43) }
```

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

```
.background{ background-color: rgb(253,  
187, 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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