

Converting Colors

XYZ(58.4780, 56.8018, 9.7154)

Have a look what the booklet for
XYZ(58.4780, 56.8018, 9.7154)
contains.

XYZ(58.4780, 56.8018, 9.7154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.4780, 56.8018,
9.7154)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBC26
RGB	252, 188, 38
RGB Percent	99%, 74%, 15%
CMY	0.0118, 0.2627, 0.8510
CMYK	0.00, 0.25, 0.85, 0.01
HSL	42°, 97%, 57%
HSV	42°, 85%, 99%
XYZ	58.4780, 56.8018, 9.7154
YIQ	190.0360, 86.2940, -33.0820

Conversions

Conversions Part 2

Format	Color
RYB	129, 252, 38
Decimal	16563238
CIELab	80.07, 11.17, 76.26
CIElCh	80, 77.078, 81.664
Yxy	56.8018, 0.4678, 0.4544
Android (android.graphics.Color)	4294753318 (0xFFFCBC26)
YUV	190.0360, -74.9537, 54.3424
Hunter-Lab	75.3670, 6.6078, 45.1139

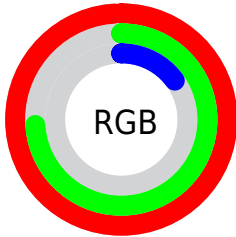
Details

The XYZ color **58.4780, 56.8018, 9.7154** is a light color, and the websafe version is hex **FFCC33**.

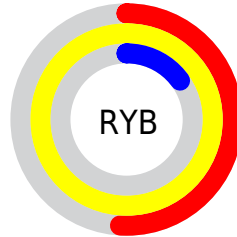
The color can be described as light washed orange. A complement of this color would be **23.1215, 16.9430, 94.1466**, and the grayscale version is **49.3495, 51.9195, 56.5404**.

A 20% lighter version of the original color is **75.8428, 86.8622, 24.5731**, and **29.8992, 28.2751, 3.8818** is the 20% darker color. If you saturate the color by 10%, you get **56.6326, 53.5569, 7.7269**, and if you desaturate by 10%, it is **60.6845, 60.3303, 13.1795**.

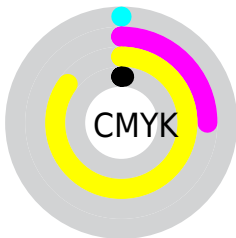
Distribution



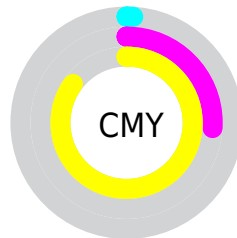
- Red (99%)
- Green (74%)
- Blue (15%)



- Red (51%)
- Yellow (99%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (85%)
- Black (1%)



- Cyan (1%)
- Magenta (26%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4780, 56.8018, 9.7154 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 58.4780, 56.8018, 9.7154 by changing the saturation by 10% instead.

58.4780, 56.8018,
9.7154

58.4780, 56.8018,
9.7154

408.8899,
412.7062, 199.0390

42.4378, 40.8461,
5.1075

101.7376,
100.1759, 25.8582

29.6369, 28.1989,
2.2507

129.6877,
128.3632, 38.2302

19.7098, 18.4756,
0.7034

162.3385,
161.3964, 54.0274

12.2913, 11.2920,
0.0000

200.0553,
199.6600, 73.6682

7.0160, 6.2636,
0.0000

243.2035,
243.5384, 97.5712

3.5185, 3.0060,
0.0000

292.1484,

1.4335, 1.1349,

293.4160, 126.1550

0.0000

347.2554,
349.6771, 159.8381

■ 0.2799, 0.0075,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4780, 56.8018,
9.7154

■ 58.4780, 56.8018,
9.7154

■ 56.6326, 53.5569,
7.7269

■ 60.6845, 60.3303,
13.1795

■ 55.7960, 51.9980,
7.0959

■ 63.2975, 64.1556,
18.3682

■ 66.3581, 68.2984,
25.4879

■ 69.9011, 72.7744,
34.7147

■ 73.9571, 77.5979,
46.2049

■ 78.5541, 82.7818,
60.0999

■ 83.7178, 88.3383,
76.5293

■ 89.4720, 94.2785,
95.6136

■ 93.9547, 99.4353,
108.8487

Harmonies

Analogous

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



74.9303, 56.8018, 15.8348



58.4780, 56.8018, 9.7154



43.6059, 56.8018, 11.3051

Triad

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



58.4780, 56.8018, 9.7154



30.5374, 56.8018, 99.5117



81.2571, 56.8018, 132.3478

Complementary

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



58.4780, 56.8018, 9.7154



23.1215, 16.9430, 94.1466

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.



65.9005, 56.8018, 181.7963



58.4780, 56.8018, 9.7154



37.3645, 56.8018, 157.3020

Square

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



58.4780, 56.8018, 9.7154



29.3153, 56.8018, 50.1559



49.7347, 56.8018, 192.6488



89.6491, 56.8018, 75.2280

Rectangle

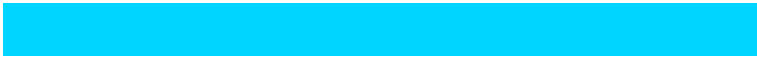
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.4780, 56.8018, 9.7154



36.3246, 56.8018, 17.1706



49.7347, 56.8018, 192.6488



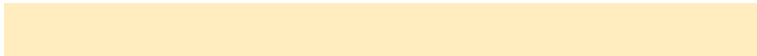
76.6120, 56.8018, 151.3710

Sweetspot

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



58.4793, 56.8046, 9.7165



80.6486, 84.9867, 61.5880



43.2464, 23.0454, 14.7925



16.8933, 17.7810, 12.0480



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.



58.4793, 56.8046, 9.7165



57.3089, 53.3979, 7.2863



61.5115, 83.3450, 14.6795



18.2635, 19.2629, 18.2179



29.2000, 27.3566, 3.7413



2.7970, 2.7189, 0.3774

Inverse Universe

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



23.1215, 16.9430, 94.1466



20.6521, 12.4242, 95.9174



21.6406, 10.1556, 92.9146



16.7061, 17.4890, 21.8805



10.5878, 6.5312, 48.6762



1.0689, 0.7815, 4.5377

Previews

White Background



This preview shows how the XYZ color 58.4780, 56.8018, 9.7154 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 58.4780, 56.8018, 9.7154 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 58.4780, 56.8018, 9.7154

Background



This preview shows how black text looks on a background with the XYZ color 58.4780, 56.8018, 9.7154.



This preview shows how white text looks on a background with the XYZ color 58.4780, 56.8018,

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

58.4780, 56.8018, 9.7154

Protanopia

51.5641, 56.8542, 10.3541

Deuteranopia

58.3311, 57.0444, 9.7700



Tritanopia

66.4547, 56.8185, 56.1797

Trichromacy



Original Color

58.4780, 56.8018, 9.7154

Protanomaly

53.8298, 56.6758, 10.1099

Deuteranomaly

58.3311, 57.0444, 9.7700

Tritanomaly

61.9742, 56.2760, 30.5176

Monochromacy



Original Color

58.4780, 56.8018, 9.7154

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.0113, 52.2906, 30.3789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4780, 56.8018, 9.7154 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(252, 188, 38)` looks like.

```
.text, #text, p{  
    color:rgb(252, 188, 38)  
}
```

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(252, 188, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 188, 38) }
```

Border

The CSS property to change the border of an element to XYZ 58.4780, 56.8018, 9.7154 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(252, 188, 38) }
```


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

```
.border{ border-color:rgb(252, 188, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 188, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 188, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 188, 38);  
box-shadow:4px 4px 4px 4px rgb(252, 188,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4780, 56.8018, 9.7154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 188, 38) }
```

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

```
.background{ background-color: rgb(252,  
188, 38) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor