

Converting Colors

XYZ(58.8676, 56.0130, 9.3541)

Have a look what the booklet for
XYZ(58.8676, 56.0130, 9.3541)
contains.

XYZ(58.9074, 56.0853, 9.3899)	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(58.9074, 56.0853,
9.3899)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB924
RGB	255, 185, 36
RGB Percent	100%, 73%, 14%
CMY	0.0000, 0.2745, 0.8588
CMYK	0.00, 0.27, 0.86, 0.00
HSL	41°, 100%, 57%
HSV	41°, 86%, 100%
XYZ	58.9074, 56.0853, 9.3899
YIQ	188.9440, 89.5490, -31.4990

Conversions

Conversions Part 2

Format	Color
R _Y B	139, 255, 36
Decimal	16759076
CIE Lab	79.66, 13.96, 76.57
CIE LCh	80, 77.836, 79.667
Yxy	56.0853, 0.4736, 0.4509
Android (android.graphics.Color)	4294949156 (0xFFFFB924)
YUV	188.9440, -75.4014, 57.9311
Hunter-Lab	74.8901, 9.3476, 44.9892

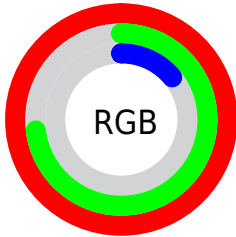
Details

The XYZ color **58.9074, 56.0853, 9.3899** 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 **23.9317, 17.9032, 96.8013**, and the grayscale version is **48.7214, 51.2587, 55.8207**.

A 20% lighter version of the original color is **74.8999, 85.0524, 24.0244**, and **30.2436, 27.8400, 3.7796** is the 20% darker color. If you saturate the color by 10%, you get **56.9912, 52.6707, 7.4646**, and if you desaturate by 10%, it is **61.2004, 59.8117, 12.8061**.

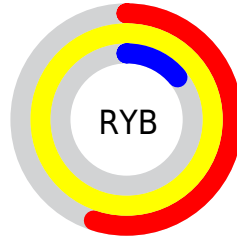
Distribution



Red (100%)

Green (73%)

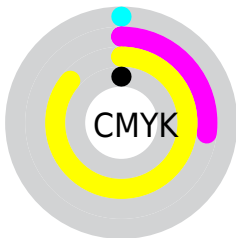
Blue (14%)



Red (55%)

Yellow (100%)

Blue (14%)

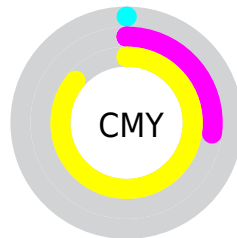


Cyan (0%)

Magenta (27%)

Yellow (86%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9074, 56.0853, 9.3899 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 58.9074, 56.0853, 9.3899 by changing the saturation by 10% instead.


 58.9074, 56.0853,
9.3899


 58.9074, 56.0853,
9.3899


410.4582,
410.0129, 196.5844


 42.7847, 40.2713,
4.8961


 102.3585, 99.1293,
25.2311


 29.9100, 27.7502,
2.1288


 130.4175,
127.1281, 37.4155


 19.9180, 18.1374,
0.6328


 163.1860,
159.9573, 53.0006

 12.4434, 11.0487,
0.0000

 201.0294,
198.0012, 72.4049

 7.1207, 6.0996,
0.0000

 244.3129,
241.6444, 96.0468

 3.5847, 2.9057,
0.0000

 293.4020,

 1.4700, 1.0827,

291.2711, 124.3450

0.0000

348.6620,
347.2658, 157.7181

■ 0.3053, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9074, 56.0853,
9.3899

■ 58.9074, 56.0853,
9.3899

■ 56.9912, 52.6707,
7.4646

■ 61.2004, 59.8117,
12.8061

■ 56.2790, 51.3385,
6.9431

■ 63.9186, 63.8647,
17.9767

■ 67.1055, 68.2666,
25.1178

■ 70.7973, 73.0344,
34.4132

75.0265, 78.1832,
46.0257

79.8222, 83.7272,
60.1022

85.2114, 89.6793,
76.7772

91.2190, 96.0518,
96.1758

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



75.3301, 56.0853, 16.0278



58.9074, 56.0853, 9.3899



43.7792, 56.0853, 10.4743

Triad

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



58.9074, 56.0853, 9.3899



29.6341, 56.0853, 95.0311



79.7899, 56.0853, 135.8552

Complementary

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



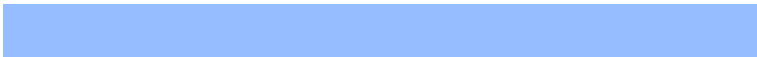
58.9074, 56.0853, 9.3899



23.9317, 17.9032, 96.8013

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.



64.1266, 56.0853, 184.0178



58.9074, 56.0853, 9.3899



36.0589, 56.0853, 153.5250

Square

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



58.9074, 56.0853, 9.3899



28.7827, 56.0853, 46.8359



48.0740, 56.0853, 191.7200



88.8624, 56.0853, 77.9240

Rectangle

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



58.9074, 56.0853, 9.3899



36.2662, 56.0853, 15.7647



48.0740, 56.0853, 191.7200



74.9925, 56.0853, 154.7212

Sweetspot

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



58.9087, 56.0881, 9.3910



79.7615, 83.6585, 59.9174



44.6314, 23.6263, 16.6774



16.7031, 17.4859, 11.7219



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.



58.9087, 56.0881, 9.3910



56.2795, 51.3389, 6.9432



65.1416, 86.6296, 14.9576



19.0430, 20.0542, 19.0115



29.5480, 27.1072, 3.6749



2.9757, 2.8368, 0.3907

Inverse Universe

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



23.9317, 17.9032, 96.8013



21.0298, 13.1796, 96.0433



21.3914, 9.8794, 95.3864



17.4769, 18.3253, 22.8660



11.1070, 7.1235, 50.2242



1.1751, 0.8810, 4.9214

Previews

White Background



This preview shows how the XYZ color 58.9074, 56.0853, 9.3899 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 58.9074, 56.0853, 9.3899 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 58.9074, 56.0853, 9.3899

Background



This preview shows how black text looks on a background with the XYZ color 58.9074, 56.0853, 9.3899.



This preview shows how white text looks on a background with the XYZ color 58.9074, 56.0853,

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

58.9074, 56.0853, 9.3899

Protanopia

51.0085, 56.2293, 10.1724

Deuteranopia

57.3389, 56.2217, 9.3432



Tritanopia

65.7350, 55.8985, 54.3386

Trichromacy



Original Color

58.9074, 56.0853, 9.3899

Protanomaly

53.6971, 55.9486, 9.8885

Deuteranomaly

57.8574, 56.1712, 9.3828

Tritanomaly

61.5250, 55.1661, 29.2352

Monochromacy



Original Color

58.9074, 56.0853, 9.3899

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.6574, 51.8060, 29.5726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9074, 56.0853, 9.3899 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(255, 185, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 36)  
}
```

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(255, 185, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 36) }
```

Border

The CSS property to change the border of an element to XYZ 58.9074, 56.0853, 9.3899 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(255, 185, 36) }
```


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

```
.border{ border-color:rgb(255, 185, 36) }
```

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

Here you see how a box with a 4 pixel rgb(255, 185, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9074, 56.0853, 9.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 36) }
```

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

```
.background{ background-color: rgb(255,  
185, 36) }
```

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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