

Converting Colors

XYZ(60.1374, 58.8229, 8.9437)

Have a look what the booklet for
XYZ(60.1374, 58.8229, 8.9437)
contains.

XYZ(60.2345, 59.0172, 8.9758)	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(60.2345, 59.0172,
8.9758)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC016
RGB	255, 192, 22
RGB Percent	100%, 75%, 9%
CMY	0.0000, 0.2470, 0.9137
CMYK	0.00, 0.25, 0.91, 0.00
HSL	44°, 100%, 54%
HSV	44°, 91%, 100%
XYZ	60.2345, 59.0172, 8.9758
YIQ	191.4570, 92.1180, -39.5140

Conversions

Conversions Part 2

Format	Color
R_{YB}	108, 255, 22
Decimal	16760854
CIE Lab	81.30, 10.07, 80.72
CIE LCh	81, 81.344, 82.885
Yxy	59.0172, 0.4697, 0.4603
Android (android.graphics.Color)	4294950934 (0xFFFFC016)
YUV	191.4570, -83.5423, 55.7272
Hunter-Lab	76.8227, 5.5172, 46.8485

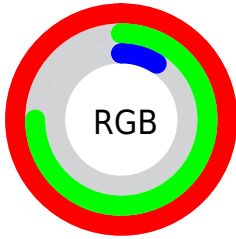
Details

The XYZ color **60.2345, 59.0172, 8.9758** is a light color, and the websafe version is hex **FFCC33**.

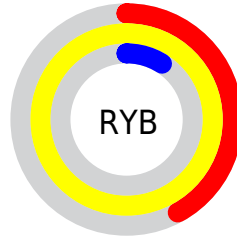
The color can be described as light washed yellow. A complement of this color would be **21.6299, 13.8884, 96.1478**, and the grayscale version is **50.2221, 52.8376, 57.5401**.

A 20% lighter version of the original color is **76.6957, 89.1501, 23.0629**, and **31.2249, 29.8027, 4.1068** is the 20% darker color. If you saturate the color by 10%, you get **58.8103, 56.4011, 7.7869**, and if you desaturate by 10%, it is **62.1639, 62.2707, 11.4869**.

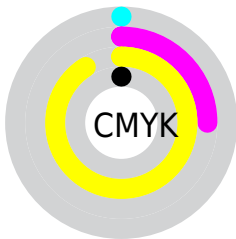
Distribution



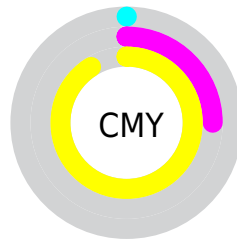
- Red (100%)
- Green (75%)
- Blue (9%)



- Red (42%)
- Yellow (100%)
- Blue (9%)



- Cyan (0%)
- Magenta (25%)
- Yellow (91%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2345, 59.0172, 8.9758 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 60.2345, 59.0172, 8.9758 by changing the saturation by 10% instead.


 60.2345, 59.0172,
8.9758


 60.2345, 59.0172,
8.9758


415.2825,
420.9657, 193.4087

 43.8579, 42.6270,
4.6288


 104.2742,
103.4027, 24.4273


 30.7562, 29.5925,
1.9763


 132.6679,
132.1667, 36.3690

 20.5642, 19.5295,
0.5406


 165.7981,
165.8241, 51.6792

 12.9165, 12.0535,
0.0000

 204.0300,
204.7593, 70.7766

 7.4476, 6.7801,
0.0000

 247.7291,
249.3566, 94.0797

 3.7924, 3.3250,
0.0000

 297.2606,

 1.5854, 1.3037,

300.0005, 122.0071

0.0000

352.9899,
357.0754, 154.9772

■ 0.3828, 0.1440,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2345, 59.0172,
8.9758

■ 60.2345, 59.0172,
8.9758

■ 58.8103, 56.4011,
7.7869

■ 62.1639, 62.2707,
11.4869

■ 64.4649, 65.7853,
15.6056

■ 67.1850, 69.5841,
21.5725

■ 70.3628, 73.6839,
29.5866

74.0323, 78.0997,
39.8213

78.2234, 82.8448,
52.4313

82.9639, 87.9318,
67.5575

88.2791, 93.3721,
85.3297

94.1928, 99.1766,
105.8687

Harmonies

Analogous

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



78.1835, 59.0172, 14.8268



60.2345, 59.0172, 8.9758



44.3346, 59.0172, 10.8840

Triad

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



60.2345, 59.0172, 8.9758



31.0775, 59.0172, 107.8961



86.3540, 59.0172, 138.7759

Complementary

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



60.2345, 59.0172, 8.9758



21.6299, 13.8884, 96.1478

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.



69.7682, 59.0172, 194.5744



60.2345, 59.0172, 8.9758



38.6145, 59.0172, 171.3349

Square

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



60.2345, 59.0172, 8.9758



29.5401, 59.0172, 53.3636



52.1479, 59.0172, 208.8010



95.1145, 59.0172, 76.5464

Rectangle

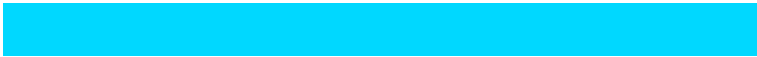
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.2345, 59.0172, 8.9758



36.6852, 59.0172, 17.2207



52.1479, 59.0172, 208.8010



81.3665, 59.0172, 159.9654

Sweetspot

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



60.2358, 59.0201, 8.9769



80.2253, 85.0245, 58.7211



43.2894, 22.5391, 11.3069



16.8347, 17.8329, 11.5075



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.



60.2358, 59.0201, 8.9769



58.8107, 56.4014, 7.7869



60.9490, 84.4883, 13.8552



19.1215, 20.2111, 19.0377



30.8601, 29.7314, 4.1122



3.0953, 3.0760, 0.4306

Inverse Universe

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



21.6299, 13.8884, 96.1478



20.1747, 11.4694, 95.7582



21.0464, 9.1910, 95.2719



17.4025, 18.1767, 22.8412



10.6465, 6.2026, 50.0707



1.1224, 0.7756, 4.9038

Previews

White Background



This preview shows how the XYZ color 60.2345, 59.0172, 8.9758 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 60.2345, 59.0172, 8.9758 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 60.2345, 59.0172, 8.9758

Background



This preview shows how black text looks on a background with the XYZ color 60.2345, 59.0172, 8.9758.



This preview shows how white text looks on a background with the XYZ color 60.2345, 59.0172,

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

60.2345, 59.0172, 8.9758

Protanopia

53.5373, 59.2804, 9.5978

Deuteranopia

60.3784, 59.0748, 9.7337



Tritanopia

67.9111, 59.0220, 58.8520

Trichromacy



Original Color

60.2345, 59.0172, 8.9758

Protanomaly

55.8588, 59.0942, 9.3819

Deuteranomaly

60.3240, 59.0530, 9.4472

Tritanomaly

62.8956, 58.0165, 29.3561

Monochromacy



Original Color

60.2345, 59.0172, 8.9758

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.3916, 53.1695, 28.7259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2345, 59.0172, 8.9758 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, 192, 22)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 22)  
}
```

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, 192, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 22) }
```

Border

The CSS property to change the border of an element to XYZ 60.2345, 59.0172, 8.9758 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, 192, 22) }
```


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

```
.border{ border-color:rgb(255, 192, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 22);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2345, 59.0172, 8.9758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 22) }
```

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

```
.background{ background-color: rgb(255,  
192, 22) }
```

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