

Converting Colors

XYZ(107.9689, 83.9396,
13.6460)

Have a look what the booklet for
XYZ(107.9689, 83.9396, 13.6460)
contains.

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Color

**XYZ(60.9075, 59.6389,
11.4333)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC133
RGB	255, 193, 51
RGB Percent	100%, 76%, 20%
CMY	0.0000, 0.2431, 0.8000
CMYK	0.00, 0.24, 0.80, 0.00
HSL	42°, 100%, 60%
HSV	42°, 80%, 100%
XYZ	60.9075, 59.6389, 11.4333
YIQ	195.3500, 82.5340, -31.0180

Conversions

Conversions Part 2

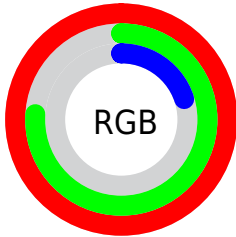
Format	Color
R _Y B	140, 255, 51
Decimal	16761139
CIE Lab	81.64, 10.20, 73.99
CIE LCh	82, 74.692, 82.150
Yxy	59.6389, 0.4615, 0.4519
Android (android.graphics.Color)	4294951219 (0xFFFFC133)
YUV	195.3500, -71.1645, 52.3131
Hunter-Lab	77.2262, 5.6351, 45.2805

Details

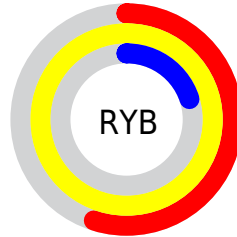
The XYZ color **60.9075, 59.6389, 11.4333** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **25.3204, 19.7338, 97.0815**, and the grayscale version is **52.4594, 55.1913, 60.1034**.

A 20% lighter version of the original color is **77.8760, 90.1155, 27.7575**, and **31.3704, 30.0936, 4.1553** is the 20% darker color. If you saturate the color by 10%, you get **58.8236, 56.1380, 8.6840**, and if you desaturate by 10%, it is **63.3917, 63.4484, 15.8357**.

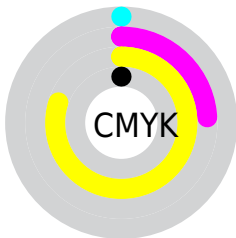
Distribution



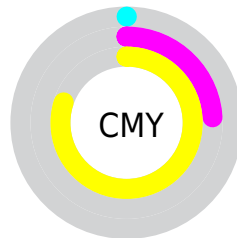
- Red (100%)
- Green (76%)
- Blue (20%)



- Red (55%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9075, 59.6389, 11.4333 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 60.9075, 59.6389, 11.4333 by changing the saturation by 10% instead.


 60.9075, 59.6389,
11.4333

 60.9075, 59.6389,
11.4333


417.7161,
423.2655, 211.4596


 44.4028, 43.1276,
6.2413


 105.2439,
104.3057, 29.1075

 31.1865, 29.9853,
2.9212


 133.8062,
133.2300, 42.4267


 20.8935, 19.8274,
1.0545


 167.1185,
167.0607, 59.2920

 13.1582, 12.2697,
0.0000

 205.5460,
206.1824, 80.1220

 7.6153, 6.9276,
0.0000

 249.4542,
250.9793, 105.3353

 3.8995, 3.4169,
0.0000

299.2084,

 1.6454, 1.3530,

301.8358, 135.3502

0.0000

355.1739,
359.1364, 170.5855

■ 0.4218, 0.1817,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9075, 59.6389,
11.4333

■ 60.9075, 59.6389,
11.4333

■ 58.8236, 56.1380,
8.6840

■ 63.3917, 63.4484,
15.8357

■ 57.0625, 52.9053,
7.2044

■ 66.3176, 67.5779,
22.1204

■ 57.0621, 52.9045,
7.2041

■ 69.7247, 72.0477,
30.4836

■ 73.6467, 76.8734,
41.0959

■ 78.1137, 82.0689,
54.1100

■ 83.1533, 87.6474,
69.6652

■ 88.7911, 93.6209,
87.8901

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.



77.2928, 59.6389, 17.8055



60.9075, 59.6389, 11.4333



46.0505, 59.6389, 13.2735

Triad

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



60.9075, 59.6389, 11.4333



33.0754, 59.6389, 103.2804



84.0111, 59.6389, 133.7191

Complementary

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



60.9075, 59.6389, 11.4333



25.3204, 19.7338, 97.0815

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.



68.8423, 59.6389, 182.3931



60.9075, 59.6389, 11.4333



40.1102, 59.6389, 159.8882

Square

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



60.9075, 59.6389, 11.4333



31.7361, 59.6389, 53.8329



52.6623, 59.6389, 193.7056



92.1461, 59.6389, 77.4709

Rectangle

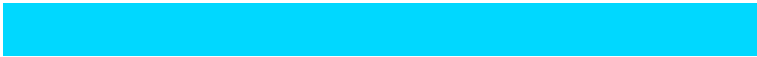
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.9075, 59.6389, 11.4333



38.7483, 59.6389, 19.6237



52.6623, 59.6389, 193.7056



79.4458, 59.6389, 152.4060

Sweetspot

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



60.9088, 59.6419, 11.4344



81.0664, 85.3685, 63.1264



45.5532, 24.8798, 18.8038



16.9708, 17.8493, 12.3412



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.



60.9088, 59.6419, 11.4344



57.7399, 54.1704, 7.7056



65.1515, 86.6025, 16.4148



19.0680, 20.1041, 19.0198



29.9542, 27.9195, 3.8103



3.0129, 2.9112, 0.4031

Inverse Universe

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



25.3204, 19.7338, 97.0815



21.3943, 13.7190, 96.1282



23.2969, 11.6826, 95.6342



17.4531, 18.2778, 22.8580



10.9506, 6.8108, 50.1720



1.1576, 0.8458, 4.9155

Previews

White Background



This preview shows how the XYZ color 60.9075, 59.6389, 11.4333 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 60.9075, 59.6389, 11.4333 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 60.9075, 59.6389, 11.4333

Background



This preview shows how black text looks on a background with the XYZ color 60.9075, 59.6389, 11.4333.



This preview shows how white text looks on a background with the XYZ color 60.9075, 59.6389,

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

60.9075, 59.6389, 11.4333

Protanopia

54.2536, 59.9461, 12.2013

Deuteranopia

61.0238, 59.6855, 12.0455



Tritanopia

68.2308, 59.4811, 59.5146

Trichromacy



Original Color

60.9075, 59.6389, 11.4333

Protanomaly

56.5568, 59.7427, 11.9188

Deuteranomaly

60.9758, 59.6663, 11.7930

Tritanomaly

63.9682, 58.7838, 33.9615

Monochromacy



Original Color

60.9075, 59.6389, 11.4333

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.8650, 55.3185, 33.8778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9075, 59.6389, 11.4333 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, 193, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 51)  
}
```

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, 193, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 51) }
```

Border

The CSS property to change the border of an element to XYZ 60.9075, 59.6389, 11.4333 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, 193, 51) }
```


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

```
.border{ border-color:rgb(255, 193, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9075, 59.6389, 11.4333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 51) }
```

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

```
.background{ background-color: rgb(255,  
193, 51) }
```

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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