

Converting Colors

XYZ(60.8092, 59.2524, 11.9861)

Have a look what the booklet for
XYZ(60.8092, 59.2524, 11.9861)
contains.

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Color

**XYZ(60.8034, 59.2448,
11.9721)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC038
RGB	255, 192, 56
RGB Percent	100%, 75%, 22%
CMY	0.0000, 0.2470, 0.7804
CMYK	0.00, 0.25, 0.78, 0.00
HSL	41°, 100%, 61%
HSV	41°, 78%, 100%
XYZ	60.8034, 59.2448, 11.9721
YIQ	195.3330, 81.2040, -28.9400

Conversions

Conversions Part 2

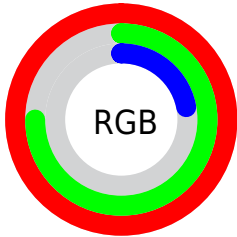
Format	Color
R_{YB}	148, 255, 56
Decimal	16760888
CIE _{Lab}	81.43, 10.88, 72.16
CIE _{LCh}	81, 72.977, 81.422
Yxy	59.2448, 0.4606, 0.4488
Android (android.graphics.Color)	4294950968 (0xFFFFC038)
YUV	195.3330, -68.6912, 52.3280
Hunter-Lab	76.9706, 6.3085, 44.6574

Details

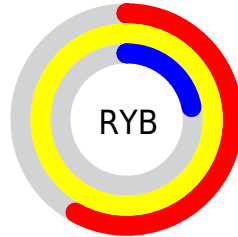
The XYZ color **60.8034, 59.2448, 11.9721** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **26.2775, 21.2538, 97.3243**, and the grayscale version is **52.4354, 55.1661, 60.0759**.

A 20% lighter version of the original color is **77.7880, 89.5871, 28.8149**, and **31.2249, 29.8027, 4.1068** is the 20% darker color. If you saturate the color by 10%, you get **58.6075, 55.6101, 8.9073**, and if you desaturate by 10%, it is **63.4164, 63.2067, 16.7420**.

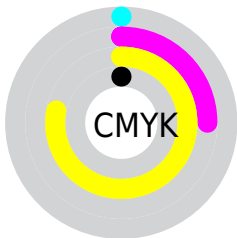
Distribution



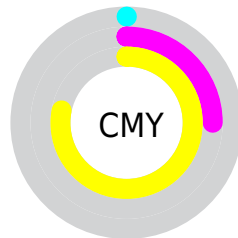
- Red (100%)
- Green (75%)
- Blue (22%)



- Red (58%)
- Yellow (100%)
- Blue (22%)



- Cyan (0%)
- Magenta (25%)
- Yellow (78%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8034, 59.2448, 11.9721 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 60.8034, 59.2448, 11.9721 by changing the saturation by 10% instead.

60.8034, 59.2448,
11.9721

60.8034, 59.2448,
11.9721

417.3402,
421.8085, 215.1919

44.3185, 42.8102,
6.6024

105.0940,
103.7334, 30.1079

31.1199, 29.7362,
3.1400

133.6303,
132.5561, 43.7111

20.8425, 19.6385,
1.1666

166.9144,
166.2771, 60.8958

13.1207, 12.1325,
0.0000

205.3118,
205.2806, 82.0807

7.5893, 6.8340,
0.0000

249.1877,
249.9512, 107.6841

3.8829, 3.3585,
0.0000

298.9075,

1.6361, 1.3216,

300.6730, 138.1248

0.0000

354.8365,
357.8307, 173.8212

■ 0.4158, 0.1579,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8034, 59.2448,
11.9721

■ 60.8034, 59.2448,
11.9721

■ 58.6075, 55.6101,
8.9073

■ 63.4164, 63.2067,
16.7420

■ 56.7655, 52.2677,
7.2405

■ 66.4865, 67.5069,
23.4372

■ 56.4295, 51.6396,
6.9933

■ 70.0522, 72.1658,
32.2486

■ 74.1467, 77.1987,
43.3428

■ 78.7996, 82.6200,
56.8697

■ 84.0384, 88.4427,
72.9664

■ 89.8884, 94.6791,
91.7597

■ 95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



76.6720, 59.2448, 18.5762



60.8034, 59.2448, 11.9721



46.2542, 59.2448, 13.6269

Triad

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



60.8034, 59.2448, 11.9721



33.1644, 59.2448, 100.3459



82.5197, 59.2448, 132.4208

Complementary

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



60.8034, 59.2448, 11.9721



26.2775, 21.2538, 97.3243

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.



67.7277, 59.2448, 178.6962



60.8034, 59.2448, 11.9721



39.9163, 59.2448, 155.0859

Square

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



60.8034, 59.2448, 11.9721



31.9843, 59.2448, 52.7627



52.0444, 59.2448, 188.4714



90.6128, 59.2448, 77.8774

Rectangle

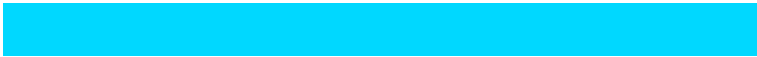
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8034, 59.2448, 11.9721



39.0353, 59.2448, 19.7710



52.0444, 59.2448, 188.4714



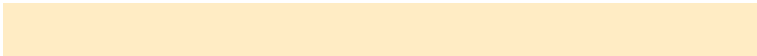
78.0517, 59.2448, 150.3205

Sweetspot

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



60.8047, 59.2477, 11.9732



81.3643, 85.5027, 64.6490



45.9850, 25.4210, 19.9421



17.0185, 17.8565, 12.6291



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.



60.8047, 59.2477, 11.9732



57.4730, 53.5846, 7.7769



65.5419, 86.7902, 17.0398



19.0479, 20.0639, 19.0131



29.6261, 27.2634, 3.7009



2.9829, 2.8511, 0.3931

Inverse Universe

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



26.2775, 21.2538, 97.3243



22.0082, 14.8367, 96.3115



23.9267, 12.3493, 95.7295



17.4722, 18.3161, 22.8644



11.0758, 7.0613, 50.2138



1.1717, 0.8740, 4.9202

Previews

White Background



This preview shows how the XYZ color 60.8034, 59.2448, 11.9721 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 60.8034, 59.2448, 11.9721 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 60.8034, 59.2448, 11.9721

Background



This preview shows how black text looks on a background with the XYZ color 60.8034, 59.2448, 11.9721.



This preview shows how white text looks on a background with the XYZ color 60.8034, 59.2448,

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

60.8034, 59.2448, 11.9721

Protanopia

53.8239, 59.3585, 12.7582

Deuteranopia

60.4365, 59.0556, 11.9549



Tritanopia

67.9111, 59.0220, 58.8520

Trichromacy



Original Color

60.8034, 59.2448, 11.9721

Protanomaly

56.1122, 59.1569, 12.4640

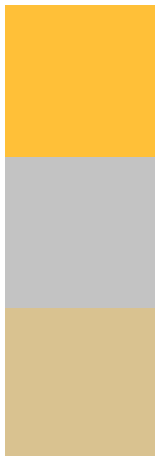
Deuteranomaly

60.4365, 59.0556, 11.9549

Tritanomaly

63.8329, 58.3914, 34.2919

Monochromacy



Original Color

60.8034, 59.2448, 11.9721

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.9411, 55.3489, 34.2787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8034, 59.2448, 11.9721 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, 56)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 56)  
}
```

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, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 56) }
```

Border

The CSS property to change the border of an element to XYZ 60.8034, 59.2448, 11.9721 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, 56) }
```


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

```
.border{ border-color:rgb(255, 192, 56) }
```

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, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 56);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8034, 59.2448, 11.9721 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, 56) }
```

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

```
.background{ background-color: rgb(255,  
192, 56) }
```

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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