

Converting Colors

XYZ(60.2896, 59.3185, 8.4062)

Have a look what the booklet for
XYZ(60.2896, 59.3185, 8.4062)
contains.

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Color

**XYZ(60.3374, 59.4109,
8.4309)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC105
RGB	255, 193, 5
RGB Percent	100%, 76%, 2%
CMY	0.0000, 0.2431, 0.9803
CMYK	0.00, 0.24, 0.98, 0.00
HSL	45°, 100%, 51%
HSV	45°, 98%, 100%
XYZ	60.3374, 59.4109, 8.4309
YIQ	190.1060, 97.3000, -45.3240

Conversions

Conversions Part 2

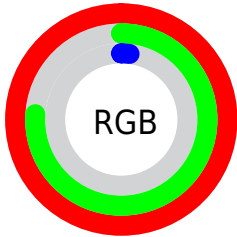
Format	Color
R _Y B	87, 255, 5
Decimal	16761093
CIE Lab	81.52, 9.39, 82.89
CIE LCh	82, 83.418, 83.538
Yxy	59.4109, 0.4707, 0.4635
Android (android.graphics.Color)	4294951173 (0xFFFFC105)
YUV	190.1060, -91.2573, 56.9120
Hunter-Lab	77.0785, 4.8434, 47.4697

Details

The XYZ color **60.3374, 59.4109, 8.4309** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **20.1207, 11.2684, 95.7216**, and the grayscale version is **49.4779, 52.0546, 56.6875**.

A 20% lighter version of the original color is **76.7954, 89.6832, 22.0671**, and **31.3704, 30.0936, 4.1553** is the 20% darker color. If you saturate the color by 10%, you get **60.0370, 58.8545, 8.1958**, and if you desaturate by 10%, it is **61.9804, 62.3555, 10.0326**.

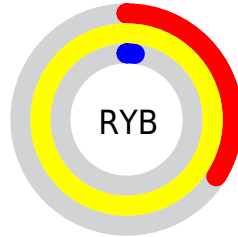
Distribution



Red (100%)

Green (76%)

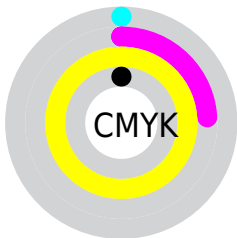
Blue (2%)



Red (34%)

Yellow (100%)

Blue (2%)

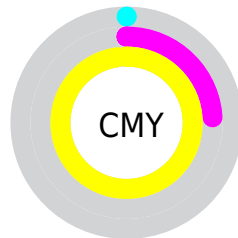


Cyan (0%)

Magenta (24%)

Yellow (98%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3374, 59.4109, 8.4309 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 60.3374, 59.4109, 8.4309 by changing the saturation by 10% instead.


 60.3374, 59.4109,
8.4309

 60.3374, 59.4109,
8.4309


415.6551,
422.4229, 189.1328

 43.9411, 42.9440,
4.2802


 104.4225,
103.9746, 23.3589


 30.8220, 29.8412,
1.7803


 132.8421,
132.8402, 34.9733

 20.6145, 19.7181,
0.4149


 166.0001,
166.6075, 49.9126

 12.9533, 12.1903,
0.0000

 204.2620,
205.6609, 68.5955

 7.4732, 6.8734,
0.0000

 247.9931,
250.3847, 91.4404

 3.8087, 3.3830,
0.0000

 297.5588,

 1.5945, 1.3348,

301.1634, 118.8659

0.0000

353.3243,
358.3813, 151.2905

■ 0.3888, 0.1679,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3374, 59.4109,
8.4309

■ 60.3374, 59.4109,
8.4309

■ 60.0370, 58.8545,
8.1958

■ 61.9804, 62.3555,
10.0326

■ 63.9423, 65.5220,
13.0211

■ 66.2826, 68.9379,
17.7004

■ 69.0445, 72.6214,
24.2942

■ 72.2645, 76.5884,
32.9917

■ 75.9749, 80.8528,
43.9593

■ 80.2047, 85.4273,
57.3467

■ 84.9806, 90.3235,
73.2907

■ 90.3270, 95.5524,
91.9178

Harmonies

Analogous

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



78.8974, 59.4109, 14.0412



60.3374, 59.4109, 8.4309



44.0782, 59.4109, 10.4795

Triad

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



60.3374, 59.4109, 8.4309



30.9137, 59.4109, 111.2610



88.0519, 59.4109, 140.4400

Complementary

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



60.3374, 59.4109, 8.4309



20.1207, 11.2684, 95.7216

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.



70.9864, 59.4109, 199.2017



60.3374, 59.4109, 8.4309



38.7521, 59.4109, 177.1329

Square

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



60.3374, 59.4109, 8.4309



29.2168, 59.4109, 54.4453



52.7682, 59.4109, 215.2770



96.8948, 59.4109, 76.1418

Rectangle

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



60.3374, 59.4109, 8.4309



36.3316, 59.4109, 16.9842



52.7682, 59.4109, 215.2770



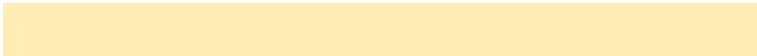
82.9365, 59.4109, 162.6008

Sweetspot

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



60.3387, 59.4139, 8.4320



79.7718, 84.9705, 55.9395



42.3229, 21.7803, 7.3651



16.6790, 17.7641, 10.7081



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.



60.3387, 59.4139, 8.4320



60.0374, 58.8549, 8.1958



57.6536, 82.8030, 13.0881



19.1573, 20.2828, 19.0496



31.4950, 31.0013, 4.3239



3.1527, 3.1907, 0.4497

Inverse Universe

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



20.1207, 11.2684, 95.7216



19.8407, 10.8014, 95.6469



20.4547, 8.5406, 95.1775



17.3689, 18.1094, 22.8300



10.4652, 5.8401, 50.0102



1.1008, 0.7323, 4.8966

Previews

White Background



This preview shows how the XYZ color 60.3374, 59.4109, 8.4309 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 60.3374, 59.4109, 8.4309 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 60.3374, 59.4109, 8.4309

Background



This preview shows how black text looks on a background with the XYZ color 60.3374, 59.4109, 8.4309.



This preview shows how white text looks on a background with the XYZ color 60.3374, 59.4109,

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

60.3374, 59.4109, 8.4309

Protanopia

53.7483, 59.4016, 9.0483

Deuteranopia

60.7646, 59.5818, 10.6807



Tritanopia

68.2308, 59.4811, 59.5146

Trichromacy



Original Color

60.3374, 59.4109, 8.4309

Protanomaly

55.7437, 59.0482, 8.7760

Deuteranomaly

60.5443, 59.4937, 9.5207

Tritanomaly

62.7762, 58.3070, 27.6844

Monochromacy



Original Color

60.3374, 59.4109, 8.4309

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.9375, 52.9878, 26.3346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3374, 59.4109, 8.4309 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, 5)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 5)  
}
```

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, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 5) }
```

Border

The CSS property to change the border of an element to XYZ 60.3374, 59.4109, 8.4309 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, 5) }
```


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

```
.border{ border-color:rgb(255, 193, 5) }
```

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, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 5);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3374, 59.4109, 8.4309 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, 5) }
```

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

```
.background{ background-color: rgb(255,  
193, 5) }
```

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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