

Converting Colors

XYZ(48.3406, 59.2670, 19.4815)

Have a look what the booklet for
XYZ(48.3406, 59.2670, 19.4815)
contains.

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Color

**XYZ(48.3406, 59.2670,
19.4815)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D35E
RGB	197, 211, 94
RGB Percent	77%, 83%, 37%
CMY	0.2275, 0.1725, 0.6314
CMYK	0.07, 0.00, 0.55, 0.17
HSL	67°, 57%, 60%
HSV	67°, 55%, 83%
XYZ	48.3406, 59.2670, 19.4815
YIQ	193.4760, 29.2130, -39.3550

Conversions

Conversions Part 2

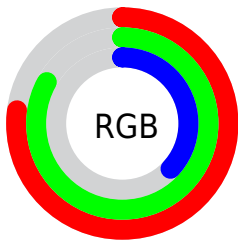
Format	Color
R_{YB}	94, 211, 108
Decimal	12964702
CIE _{Lab}	81.44, -20.88, 55.30
CIE _{LCh}	81, 59.109, 110.686
Yxy	59.2670, 0.3804, 0.4663
Android (android.graphics.Color)	4291154782 (0xFFC5D35E)
YUV	193.4760, -49.0417, 3.0905
Hunter-Lab	76.9851, -22.6398, 38.8859

Details

The XYZ color **48.3406, 59.2670, 19.4815** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **21.9470, 15.8981, 63.5435**, and the grayscale version is **51.2382, 53.9065, 58.7042**.

A 20% lighter version of the original color is **82.3453, 94.9181, 41.9979**, and **23.4245, 29.9299, 6.5499** is the 20% darker color. If you saturate the color by 10%, you get **46.8649, 58.6031, 15.1279**, and if you desaturate by 10%, it is **50.0890, 60.0455, 25.2010**.

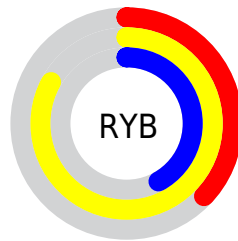
Distribution



Red (77%)

Green (83%)

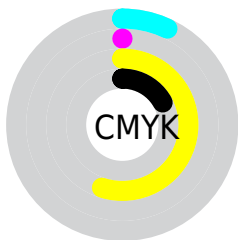
Blue (37%)



Red (37%)

Yellow (83%)

Blue (42%)

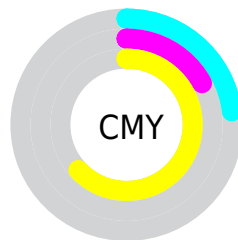


Cyan (7%)

Magenta (0%)

Yellow (55%)

Black (17%)



Cyan (23%)

Magenta (17%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3406, 59.2670, 19.4815 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 48.3406, 59.2670, 19.4815 by changing the saturation by 10% instead.

■ 48.3406, 59.2670,
19.4815

■ 48.3406, 59.2670,
19.4815

370.7008,
421.8907, 261.6049

■ 34.3091, 42.8281,
11.8384

■ 86.9179, 103.7656,
43.3936

■ 23.2951, 29.7503,
6.5125

■ 112.1945,
132.5941, 60.4997

■ 14.9335, 19.6491,
3.0854

■ 141.9500,
166.3213, 81.5973

■ 8.8587, 12.1402,
1.1384

■ 176.5499,
205.3315, 107.1047

■ 4.7055, 6.8393,
0.0000

216.3596,
250.0091, 137.4407

■ 2.1085, 3.3618,
0.0000

261.7444,

■ 0.6938, 1.3234,

300.7386, 173.0237

0.0000

313.0697,
357.9043, 214.2722

■ 0.0000, 0.1592,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.3406, 59.2670,
19.4815

■ 48.3406, 59.2670,
19.4815

■ 46.8649, 58.6031,
15.1279

■ 50.0890, 60.0455,
25.2010

■ 45.6361, 58.0371,
12.0225


■ 52.1251, 60.9383,
32.3837


■ 44.6302, 57.5615,
10.0340


■ 54.4678, 61.9550,
41.1227


■ 43.8164, 57.1640,
9.0001


■ 57.1332, 63.1021,
51.5019


 43.4839, 56.9987,
8.7100

 60.1361, 64.3855,
63.5995

 63.4904, 65.8108,
77.4885

 67.2092, 67.3832,
93.2378

 70.0223, 68.5946,
104.1572

 70.7798, 68.9851,
104.1927

Harmonies

Analogous

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



60.2692, 59.2670, 17.9513



48.3406, 59.2670, 19.4815



39.8610, 59.2670, 30.2810

Triad

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



48.3406, 59.2670, 19.4815



42.5663, 59.2670, 132.8799



83.2126, 59.2670, 76.1955

Complementary

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



48.3406, 59.2670, 19.4815



21.9470, 15.8981, 63.5435

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.



76.8094, 59.2670, 118.0230



48.3406, 59.2670, 19.4815



52.5692, 59.2670, 157.7894

Square

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



48.3406, 59.2670, 19.4815



36.8818, 59.2670, 91.7080



65.1578, 59.2670, 151.5335



81.6405, 59.2670, 43.3366

Rectangle

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



48.3406, 59.2670, 19.4815



36.7351, 59.2670, 44.5228



65.1578, 59.2670, 151.5335



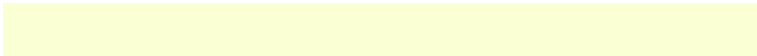
81.8902, 59.2670, 89.7840

Sweetspot

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



48.3420, 59.2697, 19.4827



86.9561, 96.5449, 76.1081



34.2121, 25.3101, 13.6726



18.4294, 20.5860, 15.5725



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.



48.3420, 59.2697, 19.4827



71.4782, 89.7478, 21.9741



35.9392, 52.8758, 18.9023



12.6583, 13.7228, 12.5936



26.2986, 34.4264, 5.2589



1.5107, 1.9456, 0.2959

Inverse Universe

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



21.9470, 15.8981, 63.5435



27.0110, 16.5631, 96.3811



31.5199, 20.8331, 63.9915



11.2933, 11.4845, 14.8652



7.3873, 2.9886, 37.3800



0.4579, 0.1902, 2.0922

Previews

White Background



This preview shows how the XYZ color 48.3406, 59.2670, 19.4815 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 48.3406, 59.2670, 19.4815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

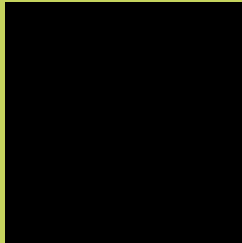
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3406, 59.2670, 19.4815

Background



This preview shows how black text looks on a background with the XYZ color 48.3406, 59.2670, 19.4815.



This preview shows how white text looks on a background with the XYZ color 48.3406, 59.2670,

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

48.3406, 59.2670, 19.4815

Protanopia

53.7493, 58.8437, 18.4226

Deuteranopia

60.1687, 58.7399, 19.9711



Tritanopia

58.9100, 58.9448, 71.8909

Trichromacy



Original Color

48.3406, 59.2670, 19.4815

Protanomaly

51.4946, 58.7315, 18.7475

Deuteranomaly

55.2142, 58.5329, 19.6971

Tritanomaly

53.7885, 58.5933, 46.5049

Monochromacy



Original Color

48.3406, 59.2670, 19.4815

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

48.9882, 55.2122, 39.9734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3406, 59.2670, 19.4815 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(197, 211, 94)` looks like.

```
.text, #text, p{  
    color:rgb(197, 211, 94)  
}
```

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(197, 211, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 211, 94) }
```

Border

The CSS property to change the border of an element to XYZ 48.3406, 59.2670, 19.4815 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(197, 211, 94) }
```


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

```
.border{ border-color:rgb(197, 211, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 211, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 211, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 211, 94);  
box-shadow:4px 4px 4px 4px rgb(197, 211,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3406, 59.2670, 19.4815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 211, 94) }
```

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

```
.background{ background-color: rgb(197,  
211, 94) }
```

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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