

Converting Colors

XYZ(50.8915, 58.9250, 24.2927)

Have a look what the booklet for
XYZ(50.8915, 58.9250, 24.2927)
contains.

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Color

**XYZ(51.0256, 59.0833,
24.3377)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCF71
RGB	207, 207, 113
RGB Percent	81%, 81%, 44%
CMY	0.1882, 0.1882, 0.5569
CMYK	0.00, 0.00, 0.45, 0.19
HSL	60°, 49%, 63%
HSV	60°, 45%, 81%
XYZ	51.0256, 59.0833, 24.3377
YIQ	196.2840, 30.1740, -29.2340

Conversions

Conversions Part 2

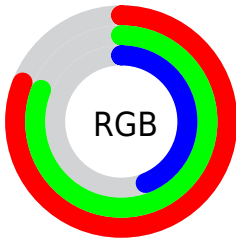
Format	Color
RYB	113, 207, 113
Decimal	13619057
CIELab	81.34, -13.19, 46.45
CIELCh	81, 48.282, 105.853
Yxy	59.0833, 0.3795, 0.4395
Android (android.graphics.Color)	4291809137 (0xFFCFCF71)
YUV	196.2840, -41.0590, 9.3979
Hunter-Lab	76.8657, -16.0216, 35.0332

Details

The XYZ color **51.0256, 59.0833, 24.3377** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.9797, 19.8274, 61.5982**, and the grayscale version is **52.8674, 55.6206, 60.5708**.

A 20% lighter version of the original color is **83.9751, 95.5700, 50.5801**, and **25.0232, 29.7096, 8.9731** is the 20% darker color. If you saturate the color by 10%, you get **49.9909, 58.6715, 18.8846**, and if you desaturate by 10%, it is **52.3290, 59.6068, 31.1932**.

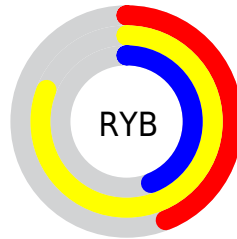
Distribution



Red (81%)

Green (81%)

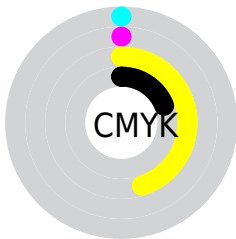
Blue (44%)



Red (44%)

Yellow (81%)

Blue (44%)

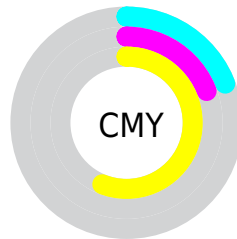


Cyan (0%)

Magenta (0%)

Yellow (45%)

Black (19%)



Cyan (19%)


Magenta (19%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0256, 59.0833, 24.3377 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 51.0256, 59.0833, 24.3377 by changing the saturation by 10% instead.


 51.0256, 59.0833,
24.3377

 51.0256, 59.0833,
24.3377


381.0493,
421.2105, 287.8647


 36.4501, 42.6802,
15.3698


 90.8754, 103.4987,
51.5314

 24.9537, 29.6343,
8.9298

 116.8804,
132.2798, 70.5944

 16.1711, 19.5611,
4.5993


 147.4259,
165.9557, 93.8594

 9.7370, 12.0764,
1.9595

182.8774,
204.9107, 121.7450

 5.2858, 6.7958,
0.5302

223.6001,
249.5293, 154.6698

 2.4524, 3.3347,
0.0000

269.9594,

 0.8713, 1.3089,

300.1959, 193.0524

0.0000

322.3207,
357.2949, 237.3111

■ 0.0000, 0.1481,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.0256, 59.0833,
24.3377

■ 51.0256, 59.0833,
24.3377

■ 49.9909, 58.6715,
18.8846

■ 52.3290, 59.6068,
31.1932

■ 49.2023, 58.3560,
14.7336


■ 53.9134, 60.2406,
39.5346


■ 48.6406, 58.1313,
11.7774


■ 55.7954, 60.9935,
49.4434


■ 48.2818, 57.9877,
9.8898

■ 57.9892, 61.8711,
60.9942


 48.0965, 57.9136,
8.9163


 60.5081, 62.8786,
74.2566

 48.0443, 57.8927,
8.6422

 63.3645, 64.0212,
89.2964

 66.0987, 65.1149,
103.6924

 66.0990, 65.1151,
103.6924

 66.0994, 65.1153,
103.6924

Harmonies

Analogous

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



61.0300, 59.0833, 24.1146



51.0256, 59.0833, 24.3377



43.3625, 59.0833, 32.8906

Triad

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



51.0256, 59.0833, 24.3377



43.7069, 59.0833, 112.9642



77.1322, 59.0833, 78.8791

Complementary

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



51.0256, 59.0833, 24.3377



23.9797, 19.8274, 61.5982

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.



71.2488, 59.0833, 111.2715



51.0256, 59.0833, 24.3377



51.5504, 59.0833, 134.5887

Square

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



51.0256, 59.0833, 24.3377



39.4952, 59.0833, 80.7224



61.6212, 59.0833, 133.8901



76.9478, 59.0833, 50.3250

Rectangle

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



51.0256, 59.0833, 24.3377



40.2586, 59.0833, 44.1861



61.6212, 59.0833, 133.8901



75.7707, 59.0833, 89.8237

Sweetspot

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



51.0270, 59.0860, 24.3389



89.8249, 97.9099, 81.3893



34.6199, 26.2694, 18.8694



19.0734, 20.8956, 16.6160



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.



51.0270, 59.0860, 24.3389



80.2255, 94.0699, 30.8512



39.7930, 53.2946, 23.8132



12.8034, 13.7976, 12.6004



30.2683, 36.4729, 5.4447



1.6924, 2.0393, 0.3044

Inverse Universe

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



23.9797, 19.8274, 61.5982



31.8239, 23.8159, 97.5274



31.6666, 23.7901, 61.9580



11.1638, 11.4177, 14.8591



7.0960, 2.8384, 37.3664



0.3968, 0.1587, 2.0893

Previews

White Background



This preview shows how the XYZ color 51.0256, 59.0833, 24.3377 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 51.0256, 59.0833, 24.3377 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 51.0256, 59.0833, 24.3377

Background



This preview shows how black text looks on a background with the XYZ color 51.0256, 59.0833, 24.3377.



This preview shows how white text looks on a background with the XYZ color 51.0256, 59.0833,

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

51.0256, 59.0833, 24.3377

Protanopia

54.1140, 58.9184, 23.5592

Deuteranopia

60.2284, 58.9937, 24.7355



Tritanopia

60.4112, 59.0884, 69.8492

Trichromacy



Original Color

51.0256, 59.0833, 24.3377

Protanomaly

53.1328, 59.1073, 23.9377

Deuteranomaly

56.5673, 58.7818, 24.5843

Tritanomaly

56.1237, 58.6998, 48.9296

Monochromacy



Original Color

51.0256, 59.0833, 24.3377

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.3566, 56.3411, 44.2445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0256, 59.0833, 24.3377 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(207, 207, 113)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 113)  
}
```

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(207, 207, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 113) }
```

Border

The CSS property to change the border of an element to XYZ 51.0256, 59.0833, 24.3377 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(207, 207, 113) }
```


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

```
.border{ border-color:rgb(207, 207, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 207, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 113);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0256, 59.0833, 24.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 113) }
```

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

```
.background{ background-color: rgb(207,  
207, 113) }
```

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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