

Converting Colors

XYZ(53.0179, 59.3134, 50.7766)

Have a look what the booklet for
XYZ(53.0179, 59.3134, 50.7766)
contains.

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Color

**XYZ(52.8721, 59.0927,
50.7389)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CEB2
RGB	196, 206, 178
RGB Percent	77%, 81%, 70%
CMY	0.2314, 0.1921, 0.3020
CMYK	0.05, 0.00, 0.14, 0.19
HSL	81°, 22%, 75%
HSV	81°, 14%, 81%
XYZ	52.8721, 59.0927, 50.7389
YIQ	199.8180, 3.0280, -10.8280

Conversions

Conversions Part 2

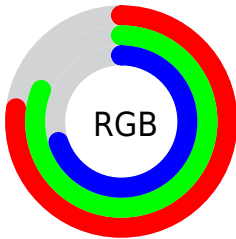
Format	Color
RYB	178, 206, 188
Decimal	12897970
CIELab	81.34, -8.37, 12.78
CIELCh	81, 15.272, 123.224
Yxy	59.0927, 0.3250, 0.3632
Android (android.graphics.Color)	4291088050 (0xFFC4CEB2)
YUV	199.8180, -10.7563, -3.3484
Hunter-Lab	76.8718, -11.7540, 14.6761

Details

The XYZ color **52.8721, 59.0927, 50.7389** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8024, 46.9901, 64.9462**, and the grayscale version is **54.8518, 57.7084, 62.8444**.

A 20% lighter version of the original color is **91.1193, 98.3432, 92.0215**, and **26.0852, 29.6879, 23.7575** is the 20% darker color. If you saturate the color by 10%, you get **49.0900, 57.3660, 40.5636**, and if you desaturate by 10%, it is **57.0620, 60.9972, 62.5571**.

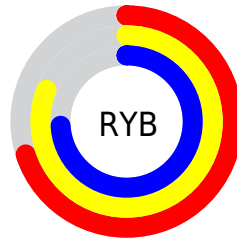
Distribution



Red (77%)

Green (81%)

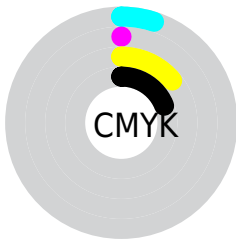
Blue (70%)



Red (70%)

Yellow (81%)

Blue (74%)

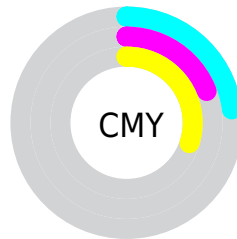


Cyan (5%)

Magenta (0%)

Yellow (14%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8721, 59.0927, 50.7389 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 52.8721, 59.0927, 50.7389 by changing the saturation by 10% instead.

■ 52.8721, 59.0927,
50.7389

■ 52.8721, 59.0927,
50.7389

388.0631,
421.2454, 406.3661

■ 37.9277, 42.6877,
35.6256

■ 93.5828, 103.5124,
92.6763

■ 26.1036, 29.6402,
23.8578

120.0798,
132.2959, 120.3374

■ 17.0342, 19.5656,
15.0169

151.1584,
165.9744, 153.0181

■ 10.3544, 12.0797,
8.6845

187.1840,
204.9323, 191.1371

■ 5.6986, 6.7980,
4.4420

228.5219,
249.5539, 235.1129

■ 2.7016, 3.3361,
1.8708

275.5375,

■ 0.9980, 1.3096,

300.2237, 285.3639

0.4741

328.5961,
357.3261, 342.3088

■ 0.0000, 0.1486,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8721, 59.0927,
50.7389

■ 52.8721, 59.0927,
50.7389

■ 49.0900, 57.3660,
40.5636

■ 57.0620, 60.9972,
62.5571

■ 45.6957, 55.8033,
31.9547

■ 61.6692, 63.0777,
76.0827

■ 42.6747, 54.4003,
24.8353

■ 66.7086, 65.3422,
91.3813

■ 40.0095, 53.1501,
19.1202

■ 71.3109, 67.4432,
103.8671

■ 37.6808, 52.0447,
14.7161

■ 73.6610, 68.6547,
103.9771

■ 35.6674, 51.0754,
11.5180

■ 76.1114, 69.9179,
104.0917

■ 33.9446, 50.2323,
9.4049

■ 78.6631, 71.2334,
104.2112

■ 32.4833, 49.5034,
8.2306

■ 81.3173, 72.6017,
104.3354

■ 31.6524, 49.0836,
7.8058

■ 81.3625, 72.6250,
104.3375

Harmonies

Analogous

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



55.8216, 59.0927, 48.3504



52.8721, 59.0927, 50.7389



50.8665, 59.0927, 56.7491

Triad

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



52.8721, 59.0927, 50.7389



53.4480, 59.0927, 81.3311



62.5143, 59.0927, 63.3591

Complementary

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



52.8721, 59.0927, 50.7389



47.8024, 46.9901, 64.9462

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.



61.8210, 59.0927, 72.5834



52.8721, 59.0927, 50.7389



56.5115, 59.0927, 83.5197

Square

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



52.8721, 59.0927, 50.7389



51.1901, 59.0927, 74.4534



59.5936, 59.0927, 80.1818



61.4540, 59.0927, 55.1901

Rectangle

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



52.8721, 59.0927, 50.7389



50.2932, 59.0927, 62.2917



59.5936, 59.0927, 80.1818



62.4787, 59.0927, 66.4366

Sweetspot

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



52.8737, 59.0953, 50.7402



92.1230, 98.6758, 100.4171



51.4322, 52.2192, 49.4889



19.6029, 21.0685, 21.1628



0.0000, 0.0000, 0.0000



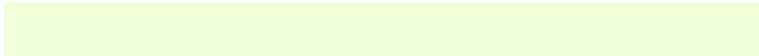
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.8737, 59.0953, 50.7402



84.0025, 94.9849, 77.6588



49.4477, 57.3291, 50.5798



11.7499, 12.8885, 11.9479



19.5985, 30.2787, 4.8114



1.0919, 1.6037, 0.2520

Inverse Universe

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



47.8024, 46.9901, 64.9462



74.3888, 72.0356, 104.5913



51.3662, 48.8272, 65.1130



10.9737, 11.0357, 14.1221



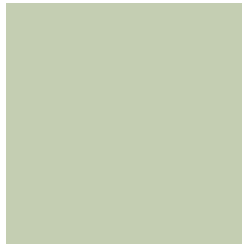
8.6764, 3.6804, 36.2094



0.5298, 0.2323, 1.8718

Previews

White Background



This preview shows how the XYZ color 52.8721, 59.0927, 50.7389 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 52.8721, 59.0927, 50.7389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

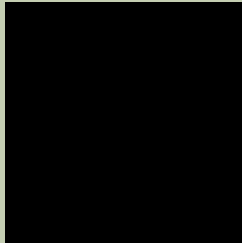
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

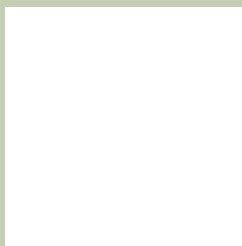
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8721, 59.0927, 50.7389

Background



This preview shows how black text looks on a background with the XYZ color 52.8721, 59.0927, 50.7389.



This preview shows how white text looks on a background with the XYZ color 52.8721, 59.0927,

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

52.8721, 59.0927, 50.7389

Protanopia

55.8745, 58.9049, 49.4992

Deuteranopia

60.0664, 58.9835, 51.3991



Tritanopia

57.6384, 59.2877, 73.3715

Trichromacy



Original Color

52.8721, 59.0927, 50.7389

Protanomaly

54.7453, 59.0080, 50.0993

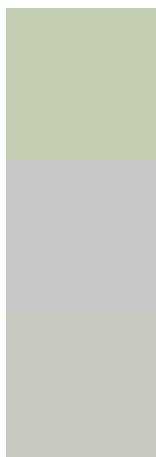
Deuteranomaly

57.1754, 58.8532, 50.9942

Tritanomaly

55.8360, 59.2555, 64.3717

Monochromacy



Original Color

52.8721, 59.0927, 50.7389

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.1881, 58.1889, 58.2447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8721, 59.0927, 50.7389 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(196, 206, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 178)  
}
```

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(196, 206, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 178) }
```

Border

The CSS property to change the border of an element to XYZ 52.8721, 59.0927, 50.7389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

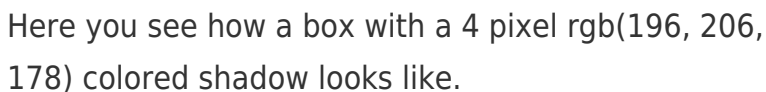
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 206, 178) }
```


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

```
.border{ border-color:rgb(196, 206, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 206, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 178);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8721, 59.0927, 50.7389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 206, 178) }
```

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

```
.background{ background-color: rgb(196,  
206, 178) }
```

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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