

Converting Colors

XYZ(56.9967, 67.8625, 59.6366)

Have a look what the booklet for
XYZ(56.9967, 67.8625, 59.6366)
contains.

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Color

**XYZ(57.0459, 67.8917,
59.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE0BF
RGB	189, 224, 191
RGB Percent	74%, 88%, 75%
CMY	0.2588, 0.1215, 0.2510
CMYK	0.16, 0.00, 0.15, 0.12
HSL	123°, 36%, 81%
HSV	123°, 16%, 88%
XYZ	57.0459, 67.8917, 59.3880
YIQ	209.7730, -10.2670, -17.6830

Conversions

Conversions Part 2

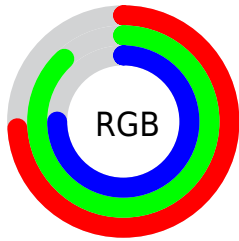
Format	Color
RYB	189, 222, 224
Decimal	12443839
CIELab	85.95, -17.69, 12.37
CIElCh	86, 21.586, 145.034
Yxy	67.8917, 0.3095, 0.3683
Android (android.graphics.Color)	4290633919 (0xFFBDE0BF)
YUV	209.7730, -9.2551, -18.2179
Hunter-Lab	82.3964, -20.6120, 14.9437

Details

The XYZ color **57.0459, 67.8917, 59.3880** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.1253, 57.5180, 76.9381**, and the grayscale version is **61.1748, 64.3607, 70.0888**.

A 20% lighter version of the original color is **90.5545, 97.8282, 102.1057**, and **28.7671, 35.3618, 29.3541** is the 20% darker color. If you saturate the color by 10%, you get **49.7536, 64.3838, 47.7765**, and if you desaturate by 10%, it is **65.5353, 71.9819, 72.8080**.

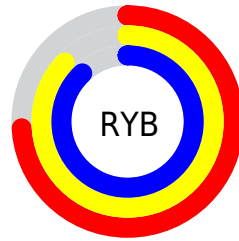
Distribution



Red (74%)

Green (88%)

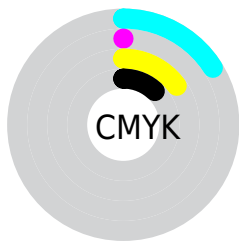
Blue (75%)



Red (74%)

Yellow (87%)

Blue (88%)

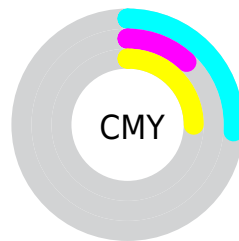


Cyan (16%)

Magenta (0%)

Yellow (15%)

Black (12%)



Cyan (26%)

Magenta (12%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0459, 67.8917, 59.3880 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 57.0459, 67.8917, 59.3880 by changing the saturation by 10% instead.

■ 57.0459, 67.8917,
59.3880

■ 57.0459, 67.8917,
59.3880

403.6327,
453.1122, 440.0801

■ 41.2824, 49.8096,
42.5035

■ 99.6631, 116.1972,
105.4760

■ 28.7284, 35.2622,
29.1672

127.2475,
147.1894, 135.5166

■ 19.0187, 23.8649,
18.9607

159.5030,
183.2538, 170.7796

■ 11.7879, 15.2334,
11.4653

196.7948,
224.7748, 211.6836

■ 6.6706, 8.9834,
6.2627

239.4883,
272.1367, 258.6471

■ 3.3014, 4.7303,
2.9341

287.9489,

■ 1.3151, 2.0899,

325.7240, 312.0887

1.0611

342.5419,
385.9210, 372.4268

■ 0.1945, 0.6590,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0459, 67.8917,
59.3880

■ 57.0459, 67.8917,
59.3880

■ 49.7536, 64.3838,
47.7765

■ 65.5353, 71.9819,
72.8080

■ 43.5994, 61.4236,
37.8919

■ 75.2664, 76.6700,
88.1043

■ 38.5274, 58.9860,
29.6532

■ 85.8445, 81.7529,
105.3262

■ 34.4750, 57.0406,
22.9710

■ 85.9470, 81.7939,
105.8657

■ 31.3731, 55.5539,
17.7474

■ 29.1440, 54.4882,
13.8736

■ 27.6978, 53.7998,
11.2255

■ 26.9248, 53.4352,
9.6560

■ 26.7283, 53.3425,
9.2615

Harmonies

Analogous

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



60.5883, 67.8917, 51.8913



57.0459, 67.8917, 59.3880



55.5117, 67.8917, 71.5900

Triad

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



57.0459, 67.8917, 59.3880



63.7094, 67.8917, 104.5081



73.5339, 67.8917, 62.9871

Complementary

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



57.0459, 67.8917, 59.3880



62.1253, 57.5180, 76.9381

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.



74.4735, 67.8917, 76.3051



57.0459, 67.8917, 59.3880



68.6370, 67.8917, 101.4447

Square

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



57.0459, 67.8917, 59.3880



59.2314, 67.8917, 98.5612



72.6395, 67.8917, 90.6538



70.1334, 67.8917, 53.7757

Rectangle

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



57.0459, 67.8917, 59.3880



55.7742, 67.8917, 81.2140



72.6395, 67.8917, 90.6538



74.1552, 67.8917, 67.0811

Sweetspot

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



57.0477, 67.8946, 59.3895



88.6383, 96.9113, 98.8111



66.0447, 72.5580, 58.6691



18.7867, 20.6536, 20.8572



0.0000, 0.0000, 0.0000



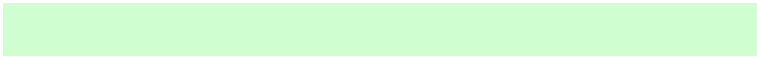
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0477, 67.8946, 59.3895



72.9147, 89.3399, 73.9301



59.0599, 68.6995, 69.9856



13.5604, 15.3499, 14.7202



15.5706, 31.0531, 5.4619



1.0906, 2.1570, 0.4384

Inverse Universe

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



62.1253, 57.5180, 76.9381



81.0513, 72.7108, 102.0503



59.9295, 56.6397, 65.3753



14.2594, 13.9214, 17.1363



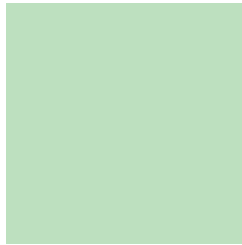
24.7665, 11.9736, 37.0315



1.7271, 0.8341, 2.6219

Previews

White Background



This preview shows how the XYZ color 57.0459, 67.8917, 59.3880 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 57.0459, 67.8917, 59.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

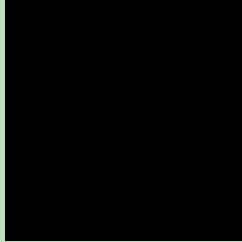
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0459, 67.8917, 59.3880

Background



This preview shows how black text looks on a background with the XYZ color 57.0459, 67.8917, 59.3880.



This preview shows how white text looks on a background with the XYZ color 57.0459, 67.8917,

59.3880.

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

57.0459, 67.8917, 59.3880

Protanopia

63.9608, 67.6459, 56.1402

Deuteranopia

69.1253, 67.6205, 61.0385



Tritanopia

62.8318, 67.8767, 88.3872

Trichromacy



Original Color

57.0459, 67.8917, 59.3880

Protanomaly

61.2999, 67.7707, 57.4272

Deuteranomaly

63.9633, 67.1715, 60.6331

Tritanomaly

60.3717, 67.6383, 76.8914

Monochromacy



Original Color

57.0459, 67.8917, 59.3880

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.4371, 65.4692, 66.0041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0459, 67.8917, 59.3880 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(189, 224, 191)` looks like.

```
.text, #text, p{  
    color:rgb(189, 224, 191)  
}
```

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(189, 224, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 224, 191) }
```

Border

The CSS property to change the border of an element to XYZ 57.0459, 67.8917, 59.3880 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(189, 224, 191) }
```


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

```
.border{ border-color:rgb(189, 224, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 224, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 224, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 224, 191); box-shadow:4px 4px 4px 4px rgb(189, 224, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0459, 67.8917, 59.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 224, 191) }
```

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

```
.background{ background-color: rgb(189,  
224, 191) }
```

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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