

Converting Colors

XYZ(58.4067, 68.7563, 59.3333)

Have a look what the booklet for
XYZ(58.4067, 68.7563, 59.3333)
contains.

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Color

**XYZ(58.3078, 68.5422,
59.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E0BF
RGB	194, 224, 191
RGB Percent	76%, 88%, 75%
CMY	0.2392, 0.1215, 0.2510
CMYK	0.13, 0.00, 0.15, 0.12
HSL	115°, 35%, 81%
HSV	115°, 15%, 88%
XYZ	58.3078, 68.5422, 59.4470
YIQ	211.2680, -7.2870, -16.6230

Conversions

Conversions Part 2

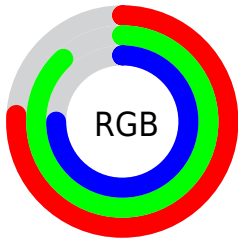
Format	Color
RYB	191, 224, 221
Decimal	12771519
CIELab	86.28, -16.00, 12.88
CIELCh	86, 20.539, 141.176
Yxy	68.5422, 0.3130, 0.3679
Android (android.graphics.Color)	4290961599 (0xFFC2E0BF)
YUV	211.2680, -9.9921, -15.1440
Hunter-Lab	82.7902, -19.1682, 15.3803

Details

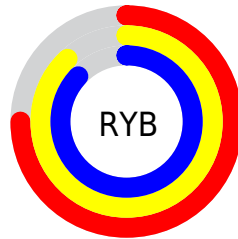
The XYZ color **58.3078, 68.5422, 59.4470** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.9067, 58.0174, 78.4601**, and the grayscale version is **62.1631, 65.4004, 71.2210**.

A 20% lighter version of the original color is **92.3322, 98.7446, 102.1889**, and **29.5906, 35.7864, 29.3926** is the 20% darker color. If you saturate the color by 10%, you get **51.1558, 65.1206, 47.2135**, and if you desaturate by 10%, it is **66.5568, 72.4897, 73.7028**.

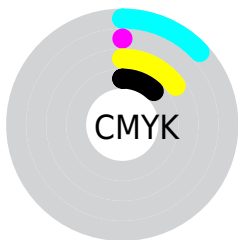
Distribution



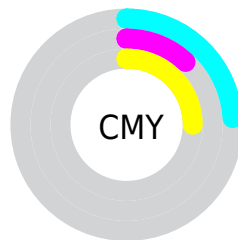
- Red (76%)
- Green (88%)
- Blue (75%)



- Red (75%)
- Yellow (88%)
- Blue (87%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)





- Cyan (24%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3078, 68.5422, 59.4470 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 58.3078, 68.5422, 59.4470 by changing the saturation by 10% instead.


 58.3078, 68.5422,
59.4470

 58.3078, 68.5422,
59.4470

408.2673,
455.4147, 440.3043

 42.3004, 50.3390,
42.5507


 101.4913,
117.1275, 105.5626

 29.5287, 35.6828,
29.2039

129.3982,
148.2783, 135.6189

 19.6274, 24.1893,
18.9883


162.0022,
184.5138, 170.8989

 12.2312, 15.4741,
11.4851

199.6687,
226.2183, 211.8213

 6.9747, 9.1528,
6.2758

242.7631,
273.7762, 258.8045

 3.4924, 4.8410,
2.9420

291.6508,

 1.4192, 2.1543,

327.5720, 312.2670

1.0651

346.6971,
387.9900, 372.6274

0.2698, 0.6949,
0.0000

0.0000, 0.0000,
0.0000

58.3078, 68.5422,
59.4470

58.3078, 68.5422,
59.4470

51.1558, 65.1206,
47.2135

66.5568, 72.4897,
73.7028

45.0493, 62.1944,
36.9064

75.9406, 76.9749,
90.0618

39.9408, 59.7432,
28.4291

85.9470, 81.7939,
105.8657

35.7771, 57.7419,
21.6745

■ 32.4998, 56.1630,
16.5246

■ 30.0442, 54.9760,
12.8466

■ 28.3366, 54.1461,
10.4862

■ 27.2898, 53.6326,
9.2552

■ 26.9529, 53.4665,
8.8995

Harmonies

Analogous

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



61.9131, 68.5422, 52.8598



58.3078, 68.5422, 59.4470



56.5575, 68.5422, 70.7018

Triad

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



58.3078, 68.5422, 59.4470



63.7606, 68.5422, 103.4791



74.0121, 68.5422, 65.6014

Complementary

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



58.3078, 68.5422, 59.4470



61.9067, 58.0174, 78.4601

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.



74.5656, 68.5422, 78.7028



58.3078, 68.5422, 59.4470



68.4922, 68.5422, 101.6837

Square

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



58.3078, 68.5422, 59.4470



59.6040, 68.5422, 96.8464



72.5018, 68.5422, 92.2021



71.0241, 68.5422, 56.1023

Rectangle

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



58.3078, 68.5422, 59.4470



56.6166, 68.5422, 79.8004



72.5018, 68.5422, 92.2021



74.4946, 68.5422, 69.6895

Sweetspot

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



58.3097, 68.5451, 59.4485



90.1213, 97.6439, 100.3235



65.9247, 71.1668, 59.5532



19.0972, 20.8078, 21.1392



0.0000, 0.0000, 0.0000



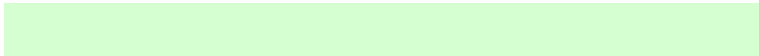
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3097, 68.5451, 59.4485



74.8006, 90.3153, 73.8767



59.0667, 68.7599, 67.4133



13.6437, 15.3965, 14.5595



15.7291, 31.1412, 5.1818



1.1306, 2.1793, 0.3611

Inverse Universe

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



61.9067, 58.0174, 78.4601



80.5967, 73.3473, 104.5173



61.1064, 57.8037, 69.4356



14.1658, 13.8690, 17.3181



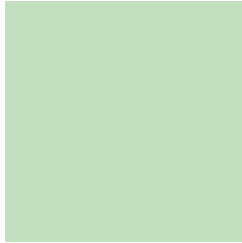
22.3201, 10.6018, 41.9183



1.5835, 0.7536, 2.9072

Previews

White Background



This preview shows how the XYZ color 58.3078, 68.5422, 59.4470 looks on a white background.

Color Contrast Check

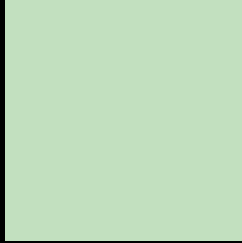
Large Text (above 18pt) WCAG AA × Fail

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 58.3078, 68.5422, 59.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

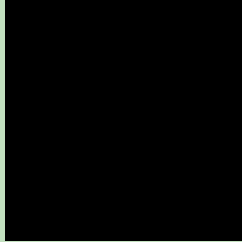
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

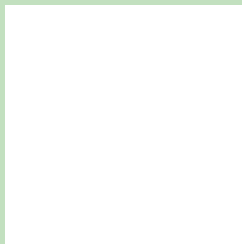
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3078, 68.5422, 59.4470

Background



This preview shows how black text looks on a background with the XYZ color 58.3078, 68.5422, 59.4470.



This preview shows how white text looks on a background with the XYZ color 58.3078, 68.5422,

59.4470.

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

58.3078, 68.5422, 59.4470

Protanopia

64.5274, 68.3148, 56.2395

Deuteranopia

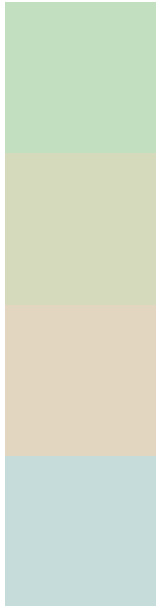
69.6017, 68.2399, 60.5421



Tritanopia

64.1542, 68.5585, 88.4491

Trichromacy



Original Color

58.3078, 68.5422, 59.4470

Protanomaly

61.8801, 68.0698, 57.4543

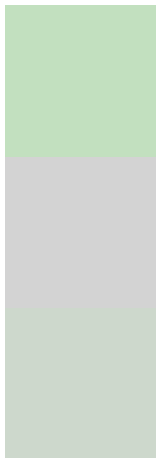
Deuteranomaly

65.0362, 68.1121, 60.1713

Tritanomaly

61.6681, 68.3066, 76.9521

Monochromacy



Original Color

58.3078, 68.5422, 59.4470

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.6318, 66.4505, 66.7573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3078, 68.5422, 59.4470 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(194, 224, 191)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 224, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 224, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.3078, 68.5422, 59.4470 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(194, 224, 191) }
```


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

```
.border{ border-color:rgb(194, 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(194, 224, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 224, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 224, 191); box-shadow:4px 4px 4px 4px rgb(194, 224, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3078, 68.5422, 59.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 224, 191) }
```

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

```
.background{ background-color: rgb(194,  
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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