

Converting Colors

XYZ(58.1990, 70.4846, 55.7380)

Have a look what the booklet for
XYZ(58.1990, 70.4846, 55.7380)
contains.

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Color

**XYZ(58.4093, 70.7058,
55.9165)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E5B8
RGB	192, 229, 184
RGB Percent	75%, 90%, 72%
CMY	0.2471, 0.1019, 0.2784
CMYK	0.16, 0.00, 0.20, 0.10
HSL	109°, 46%, 81%
HSV	109°, 20%, 90%
XYZ	58.4093, 70.7058, 55.9165
YIQ	212.8070, -7.6070, -21.8390

Conversions

Conversions Part 2

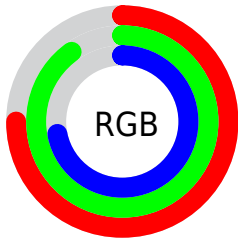
Format	Color
RYB	184, 229, 221
Decimal	12641720
CIELab	87.34, -20.35, 18.01
CIELCh	87, 27.175, 138.477
Yxy	70.7058, 0.3157, 0.3821
Android (android.graphics.Color)	4290831800 (0xFFC0E5B8)
YUV	212.8070, -14.2019, -18.2477
Hunter-Lab	84.0867, -23.1601, 19.4337

Details

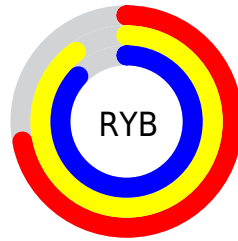
The XYZ color **58.4093, 70.7058, 55.9165** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.1050, 55.3123, 81.5882**, and the grayscale version is **63.2140, 66.5061, 72.4251**.

A 20% lighter version of the original color is **90.5551, 97.9510, 96.5717**, and **29.5215, 36.9291, 27.0448** is the 20% darker color. If you saturate the color by 10%, you get **51.7342, 67.5220, 44.0715**, and if you desaturate by 10%, it is **66.0869, 74.3656, 69.8398**.

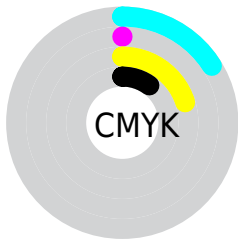
Distribution



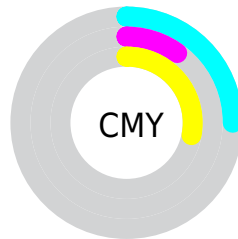
- Red (75%)
- Green (90%)
- Blue (72%)



- Red (72%)
- Yellow (90%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4093, 70.7058, 55.9165 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 58.4093, 70.7058, 55.9165 by changing the saturation by 10% instead.

■ 58.4093, 70.7058,
55.9165

■ 58.4093, 70.7058,
55.9165

408.6387,
463.0243, 426.7562

■ 42.3823, 52.1021,
39.7324

■ 101.6382,
120.2147, 100.3671

■ 29.5932, 37.0865,
27.0178

129.5708,
151.8888, 129.4706

■ 19.6766, 25.2745,
17.3540

162.2027,
188.6884, 163.7178

■ 12.2670, 16.2817,
10.3226

199.8993,
230.9981, 203.5271

■ 6.9993, 9.7237,
5.5050

243.0258,
279.2021, 249.3170

■ 3.5080, 5.2161,
2.4826


291.9476,

■ 1.4277, 2.3746,


333.6849, 301.5061


0.8309


347.0301,
394.8308, 360.5130


 0.2759, 0.8128,
0.0000


 0.0000, 0.0000,
0.0000

 58.4093, 70.7058,
55.9165


 58.4093, 70.7058,
55.9165


 51.7342, 67.5220,
44.0715


 66.0869, 74.3656,
69.8398


 46.0142, 64.7858,
34.2008

 74.8005, 78.5105,
85.9296

 41.2067, 62.4796,
26.1984

 84.5889, 83.1607,
104.2743

 37.2634, 60.5810,
19.9464

 87.3107, 84.5214,
106.3202

■ 34.1314, 59.0657,
15.3138

■ 31.7520, 57.9066,
12.1507

■ 30.0575, 57.0728,
10.2797

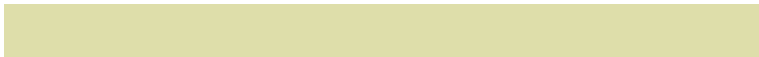
■ 28.9540, 56.5221,
9.4067

■ 28.9235, 56.5068,
9.3825

Harmonies

Analogous

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



63.3805, 70.7058, 48.1770



58.4093, 70.7058, 55.9165



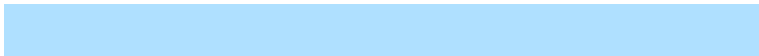
55.8580, 70.7058, 70.1622

Triad

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



58.4093, 70.7058, 55.9165



64.7766, 70.7058, 116.9170



79.5574, 70.7058, 66.3537

Complementary

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



58.4093, 70.7058, 55.9165



61.1050, 55.3123, 81.5882

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.



79.9903, 70.7058, 84.2397



58.4093, 70.7058, 55.9165



71.1777, 70.7058, 115.4619

Square

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



58.4093, 70.7058, 55.9165



59.3754, 70.7058, 106.4856



76.8394, 70.7058, 102.7787



75.6916, 70.7058, 53.5106

Rectangle

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



58.4093, 70.7058, 55.9165



55.7578, 70.7058, 82.2969



76.8394, 70.7058, 102.7787



80.1178, 70.7058, 71.9097

Sweetspot

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



58.4112, 70.7088, 55.9180



88.2058, 96.7450, 96.2293



66.7583, 71.7030, 55.6700



18.7265, 20.6346, 20.3151



0.0000, 0.0000, 0.0000



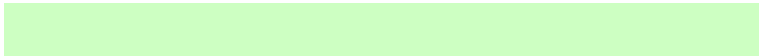
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4112, 70.7088, 55.9180



70.5633, 88.3395, 64.2534



58.0106, 70.3209, 64.0950



14.4270, 16.2117, 15.2732



16.6073, 32.3429, 5.3675



1.2973, 2.4262, 0.3999

Inverse Universe

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



61.1050, 55.3123, 81.5882



74.6478, 64.9695, 103.2137



61.6898, 55.8343, 71.6501



14.7306, 14.4789, 18.1626



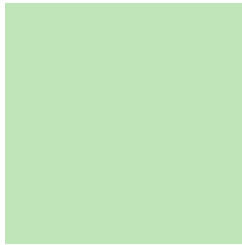
20.0779, 9.4164, 43.1425



1.5497, 0.7299, 3.1912

Previews

White Background



This preview shows how the XYZ color 58.4093, 70.7058, 55.9165 looks on a white background.

Color Contrast Check

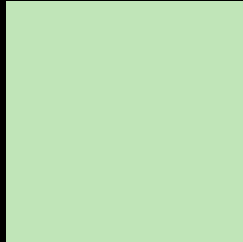
Large Text (above 18pt) WCAG AA × Fail

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 58.4093, 70.7058, 55.9165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

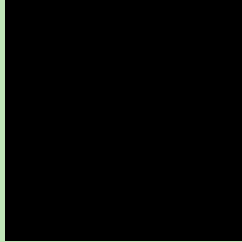
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4093, 70.7058, 55.9165

Background



This preview shows how black text looks on a background with the XYZ color 58.4093, 70.7058, 55.9165.



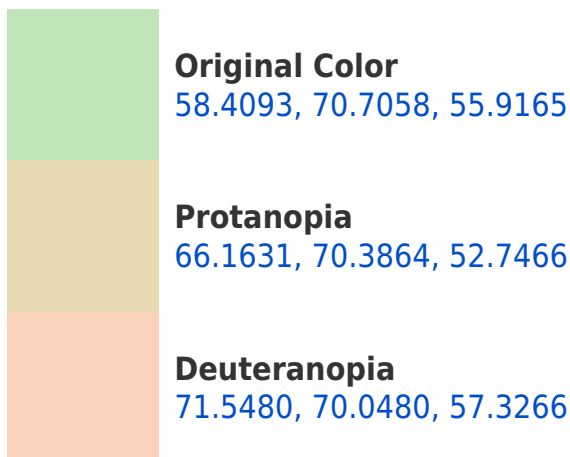
This preview shows how white text looks on a background with the XYZ color 58.4093, 70.7058,

55.9165.

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

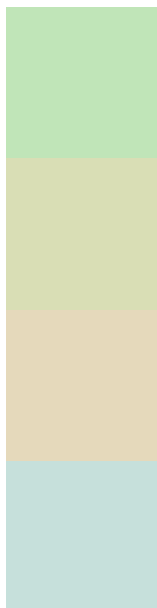




Tritanopia

65.5238, 70.3624, 91.7892

Trichromacy



Original Color

58.4093, 70.7058, 55.9165

Protanomaly

63.0770, 70.3305, 53.9667

Deuteranomaly

66.0956, 69.8716, 57.0167

Tritanomaly

62.7305, 70.4315, 77.3062

Monochromacy



Original Color

58.4093, 70.7058, 55.9165

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.1690, 67.9064, 65.7604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4093, 70.7058, 55.9165 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(192, 229, 184)` looks like.

```
.text, #text, p{  
    color:rgb(192, 229, 184)  
}
```

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(192, 229, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 229, 184) }
```

Border

The CSS property to change the border of an element to XYZ 58.4093, 70.7058, 55.9165 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(192, 229, 184) }
```


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

```
.border{ border-color:rgb(192, 229, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 229, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 229, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 229, 184); box-shadow:4px 4px 4px 4px rgb(192, 229, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4093, 70.7058, 55.9165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 229, 184) }
```

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

```
.background{ background-color: rgb(192,  
229, 184) }
```

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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