

Converting Colors

XYZ(58.8733, 70.4531, 62.7097)

Have a look what the booklet for
XYZ(58.8733, 70.4531, 62.7097)
contains.

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Color

**XYZ(58.9424, 70.4195,
62.7103)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE4C4
RGB	190, 228, 196
RGB Percent	75%, 89%, 77%
CMY	0.2549, 0.1059, 0.2314
CMYK	0.17, 0.00, 0.14, 0.11
HSL	129°, 41%, 82%
HSV	129°, 17%, 89%
XYZ	58.9424, 70.4195, 62.7103
YIQ	212.9900, -12.3760, -18.0080

Conversions

Conversions Part 2

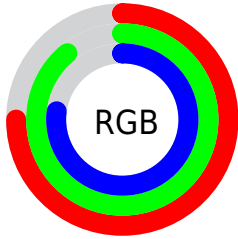
Format	Color
RYB	190, 223, 228
Decimal	12510404
CIELab	87.20, -18.45, 11.53
CIElCh	87, 21.762, 147.995
Yxy	70.4195, 0.3069, 0.3666
Android (android.graphics.Color)	4290700484 (0xFFBEE4C4)
YUV	212.9900, -8.3761, -20.1622
Hunter-Lab	83.9163, -21.4761, 14.4343

Details

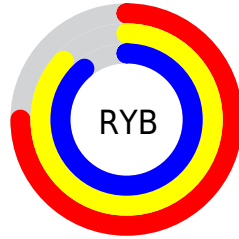
The XYZ color **58.9424, 70.4195, 62.7103** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.5956, 58.5964, 77.0688**, and the grayscale version is **63.3009, 66.5975, 72.5247**.

A 20% lighter version of the original color is **91.8474, 98.3860, 107.0780**, and **29.7884, 36.6923, 31.1035** is the 20% darker color. If you saturate the color by 10%, you get **51.6396, 66.8934, 51.6813**, and if you desaturate by 10%, it is **67.4196, 74.5228, 75.2573**.

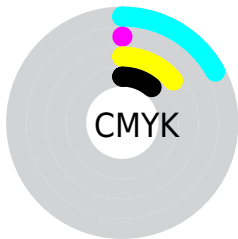
Distribution



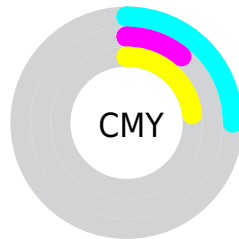
- Red (75%)
- Green (89%)
- Blue (77%)



- Red (75%)
- Yellow (87%)
- Blue (89%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9424, 70.4195, 62.7103 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 58.9424, 70.4195, 62.7103 by changing the saturation by 10% instead.

■ 58.9424, 70.4195,
62.7103

■ 58.9424, 70.4195,
62.7103

410.5859,
462.0216, 452.5963

■ 42.8129, 51.8686,
45.1674

■ 102.4090,
119.8068, 110.3330

■ 29.9323, 36.9004,
31.2454

130.4770,
151.4120, 141.2499

■ 19.9350, 25.1303,
20.5257

163.2551,
188.1374, 177.4618

■ 12.4558, 16.1742,
12.5899

201.1087,
230.3674, 219.3873

■ 7.1293, 9.6475,
7.0194

244.4033,
278.4865, 267.4450

■ 3.5901, 5.1659,
3.3956


293.5041,

■ 1.4730, 2.3449,


332.8789, 322.0534


1.3000


348.7765,
393.9291, 383.6310

 0.3073, 0.7973,
0.0618

 0.0000, 0.0000,
0.0000


 58.9424, 70.4195,
62.7103


 58.9424, 70.4195,
62.7103


 51.6396, 66.8934,
51.6813


 67.4196, 74.5228,
75.2573

 45.4537, 63.9099,
42.1081

 77.1142, 79.2181,
89.3718

 40.3308, 61.4446,
33.9314

 86.8107, 83.8799,
105.0481

 36.2103, 59.4676,
27.0858

 87.0348, 83.9696,
106.2283

■ 33.0254, 57.9461,
21.5006

■ 30.7011, 56.8429,
17.0988

■ 29.1504, 56.1150,
13.7948

■ 28.2650, 55.7086,
11.4912

■ 28.0632, 55.6169,
10.9252

Harmonies

Analogous

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



62.4258, 70.4195, 54.4201



58.9424, 70.4195, 62.7103



57.5867, 70.4195, 75.6948

Triad

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



58.9424, 70.4195, 62.7103



66.5885, 70.4195, 108.3668



75.9854, 70.4195, 64.2132

Complementary

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



58.9424, 70.4195, 62.7103



63.5956, 58.5964, 77.0688

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.



77.2365, 70.4195, 77.6634



58.9424, 70.4195, 62.7103



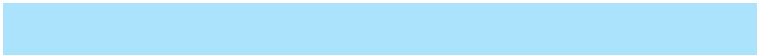
71.6492, 70.4195, 104.2949

Square

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



58.9424, 70.4195, 62.7103



61.8592, 70.4195, 103.0912



75.6120, 70.4195, 92.5724



72.2740, 70.4195, 55.2070

Rectangle

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



58.9424, 70.4195, 62.7103



58.0170, 70.4195, 85.6985



75.6120, 70.4195, 92.5724



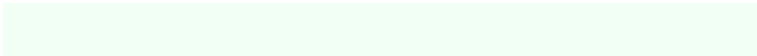
76.7157, 70.4195, 68.3080

Sweetspot

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



58.9443, 70.4225, 62.7119



88.8330, 96.9892, 99.8364



67.2567, 74.7850, 59.6061



18.8338, 20.6725, 21.1053



0.0000, 0.0000, 0.0000



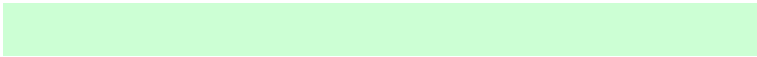
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9443, 70.4225, 62.7119



72.5521, 89.1135, 75.6989



61.2080, 71.3280, 74.6322



14.2816, 16.1261, 15.7479



16.2319, 32.1249, 6.4554



1.2279, 2.3853, 0.6269

Inverse Universe

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



63.5956, 58.5964, 77.0688



79.6132, 71.1579, 97.4919



61.2258, 57.6485, 64.5895



14.8922, 14.5741, 17.6327



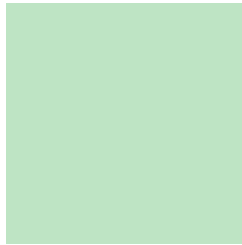
24.0055, 11.7364, 29.9878



1.8003, 0.8778, 2.3550

Previews

White Background



This preview shows how the XYZ color 58.9424, 70.4195, 62.7103 looks on a white background.

Color Contrast Check

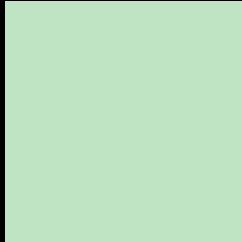
Large Text (above 18pt) WCAG AA × Fail

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 58.9424, 70.4195, 62.7103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

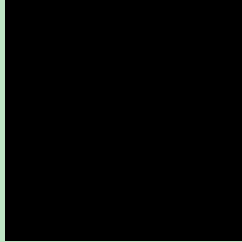
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

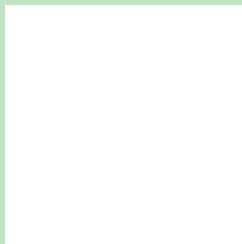
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9424, 70.4195, 62.7103

Background



This preview shows how black text looks on a background with the XYZ color 58.9424, 70.4195, 62.7103.

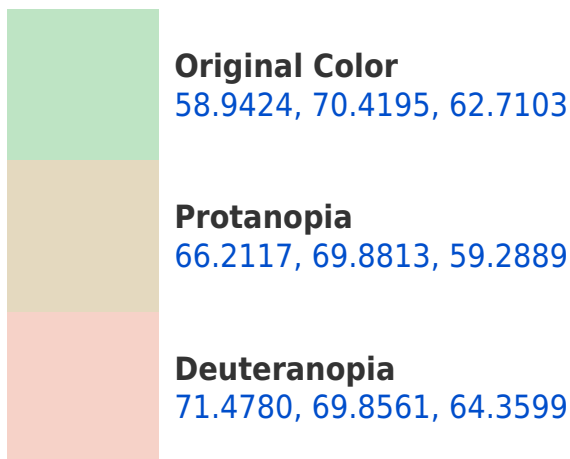


This preview shows how white text looks on a background with the XYZ color 58.9424, 70.4195,

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

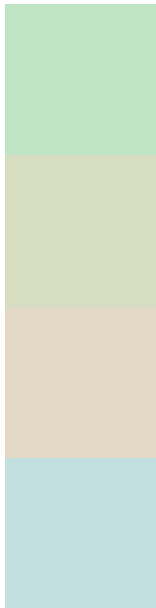




Tritanopia

64.7272, 70.3449, 91.8278

Trichromacy



Original Color

58.9424, 70.4195, 62.7103

Protanomaly

63.2136, 69.8593, 60.6046

Deuteranomaly

66.4857, 69.9180, 64.0242

Tritanomaly

62.2231, 70.1084, 80.0648

Monochromacy



Original Color

58.9424, 70.4195, 62.7103

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.5107, 67.6269, 68.8428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9424, 70.4195, 62.7103 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(190, 228, 196)` looks like.

```
.text, #text, p{  
    color:rgb(190, 228, 196)  
}
```

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(190, 228, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 228, 196) }
```

Border

The CSS property to change the border of an element to XYZ 58.9424, 70.4195, 62.7103 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(190, 228, 196) }
```


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

```
.border{ border-color:rgb(190, 228, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 228, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 228, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 228, 196); box-shadow:4px 4px 4px 4px rgb(190, 228, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9424, 70.4195, 62.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 228, 196) }
```

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

```
.background{ background-color: rgb(190,  
228, 196) }
```

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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