

Converting Colors

XYZ(58.8763, 72.0327, 58.5907)

Have a look what the booklet for
XYZ(58.8763, 72.0327, 58.5907)
contains.

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Color

**XYZ(58.9200, 72.1629,
58.4004)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE8BC
RGB	189, 232, 188
RGB Percent	74%, 91%, 74%
CMY	0.2588, 0.0902, 0.2627
CMYK	0.19, 0.00, 0.19, 0.09
HSL	119°, 49%, 82%
HSV	119°, 19%, 91%
XYZ	58.9200, 72.1629, 58.4004
YIQ	214.1270, -11.5040, -22.8000

Conversions

Conversions Part 2

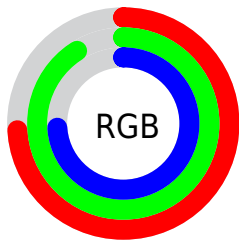
Format	Color
RYB	188, 232, 231
Decimal	12445884
CIELab	88.05, -22.15, 16.89
CIELCh	88, 27.856, 142.668
Yxy	72.1629, 0.3110, 0.3808
Android (android.graphics.Color)	4290635964 (0xFFBDE8BC)
YUV	214.1270, -12.8806, -22.0364
Hunter-Lab	84.9487, -24.8537, 18.7036

Details

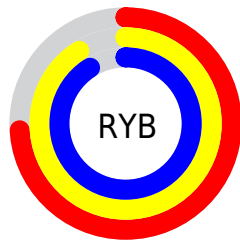
The XYZ color **58.9200, 72.1629, 58.4004** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.5067, 58.7837, 84.2415**, and the grayscale version is **64.0932, 67.4310, 73.4324**.

A 20% lighter version of the original color is **90.0952, 97.6445, 99.6867**, and **29.8902, 37.9508, 28.6715** is the 20% darker color. If you saturate the color by 10%, you get **51.4262, 68.5679, 46.0271**, and if you desaturate by 10%, it is **67.6991, 76.3782, 72.9355**.

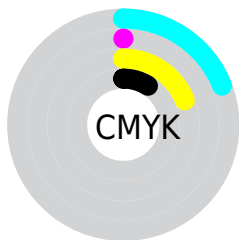
Distribution



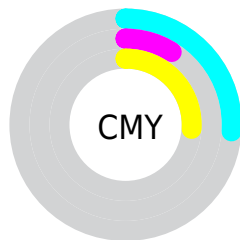
- Red (74%)
- Green (91%)
- Blue (74%)



- Red (74%)
- Yellow (91%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)





- Cyan (26%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9200, 72.1629, 58.4004 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 58.9200, 72.1629, 58.4004 by changing the saturation by 10% instead.


 58.9200, 72.1629,
58.4004

 58.9200, 72.1629,
58.4004


410.5042,
468.1084, 436.3161

 42.7948, 53.2918,
41.7138


 102.3767,
122.2881, 104.0262

 29.9180, 38.0357,
28.5534


130.4389,
154.3110, 133.8026

 19.9241, 26.0104,
18.5005


163.2109,
191.4865, 168.7792

 12.4478, 16.8314,
11.1368


201.0579,
234.1991, 209.3747

 7.1238, 10.1144,
6.0436

244.3454,
282.8332, 256.0076

 3.5867, 5.4749,
2.8024


293.4388,

 1.4711, 2.5285,


337.7732, 309.0964


0.9946


348.7032,
399.4035, 369.0598

 0.3060, 0.8909,
0.0000


 0.0000, 0.0000,
0.0000


 58.9200, 72.1629,
58.4004


 58.9200, 72.1629,
58.4004


 51.4262, 68.5679,
46.0271


 67.6991, 76.3782,
72.9355

 45.1519, 65.5553,
35.7081

 77.8135, 81.2312,
89.7238

 40.0343, 63.0971,
27.3335

 88.1480, 86.1961,
106.5993

 36.0029, 61.1597,
20.7816

■ 32.9791, 59.7055,
15.9169

■ 30.8742, 58.6919,
12.5850

■ 29.5838, 58.0692,
10.6032

■ 28.9665, 57.7704,
9.6930

■ 28.9240, 57.7501,
9.6224

Harmonies

Analogous

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



63.7802, 72.1629, 49.4060



58.9200, 72.1629, 58.4004



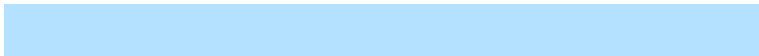
56.6774, 72.1629, 73.9936

Triad

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



58.9200, 72.1629, 58.4004



66.9704, 72.1629, 120.7549



81.0710, 72.1629, 65.2943

Complementary

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



58.9200, 72.1629, 58.4004



65.5067, 58.7837, 84.2415

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.



82.0618, 72.1629, 83.3378



58.9200, 72.1629, 58.4004



73.6330, 72.1629, 117.4195

Square

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



58.9200, 72.1629, 58.4004



61.1263, 72.1629, 111.4185



79.2611, 72.1629, 102.9265



76.6350, 72.1629, 52.9146

Rectangle

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



58.9200, 72.1629, 58.4004



56.8595, 72.1629, 86.8763



79.2611, 72.1629, 102.9265



81.8292, 72.1629, 70.8166

Sweetspot

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



58.9219, 72.1660, 58.4020



87.3949, 96.3270, 96.1914



70.8045, 77.6813, 58.8403



18.5357, 20.5362, 20.3062



0.0000, 0.0000, 0.0000



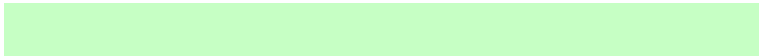
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9219, 72.1660, 58.4020



68.9686, 87.4841, 65.6848



61.0489, 72.9882, 70.8918



14.2194, 16.1047, 15.2635



16.0708, 32.0663, 5.3424



1.1983, 2.3751, 0.3953

Inverse Universe

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



65.5067, 58.7837, 84.2415



78.6206, 67.8662, 103.5635



63.0809, 57.8507, 69.7792



14.9611, 14.5977, 18.1734



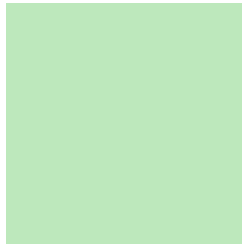
25.6414, 12.2845, 43.4029



1.9051, 0.9131, 3.2078

Previews

White Background



This preview shows how the XYZ color 58.9200, 72.1629, 58.4004 looks on a white background.

Color Contrast Check

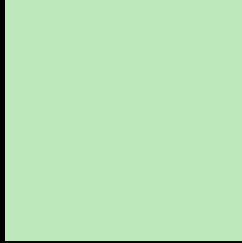
Large Text (above 18pt) WCAG AA × Fail

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 58.9200, 72.1629, 58.4004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

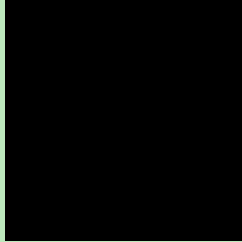
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9200, 72.1629, 58.4004

Background



This preview shows how black text looks on a background with the XYZ color 58.9200, 72.1629, 58.4004.



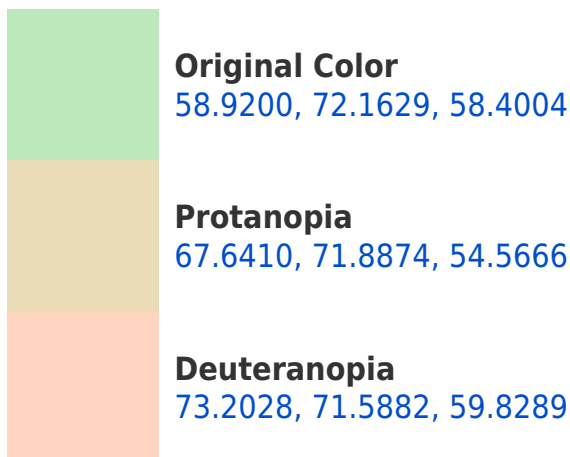
This preview shows how white text looks on a background with the XYZ color 58.9200, 72.1629,

58.4004.

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

66.2409, 72.2670, 94.4621

Trichromacy



Original Color

58.9200, 72.1629, 58.4004

Protanomaly

63.9227, 71.5237, 55.7838

Deuteranomaly

67.0486, 71.0826, 59.4767

Tritanomaly

63.4339, 72.3628, 79.7313

Monochromacy



Original Color

58.9200, 72.1629, 58.4004

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.0527, 69.0998, 67.8247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9200, 72.1629, 58.4004 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, 232, 188)` looks like.

```
.text, #text, p{  
    color:rgb(189, 232, 188)  
}
```

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, 232, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 188) }
```

Border

The CSS property to change the border of an element to XYZ 58.9200, 72.1629, 58.4004 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, 232, 188) }
```


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

```
.border{ border-color:rgb(189, 232, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 232, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 232, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 232, 188);  
box-shadow:4px 4px 4px 4px rgb(189, 232,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9200, 72.1629, 58.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 232, 188) }
```

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

```
.background{ background-color: rgb(189,  
232, 188) }
```

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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