

Converting Colors

XYZ(57.8455, 70.5191, 61.2418)

Have a look what the booklet for
XYZ(57.8455, 70.5191, 61.2418)
contains.

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Color

**XYZ(57.9300, 70.7582,
61.0565)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E6C1
RGB	185, 230, 193
RGB Percent	73%, 90%, 76%
CMY	0.2745, 0.0980, 0.2431
CMYK	0.20, 0.00, 0.16, 0.10
HSL	131°, 47%, 81%
HSV	131°, 20%, 90%
XYZ	57.9300, 70.7582, 61.0565
YIQ	212.3270, -14.9430, -21.0470

Conversions

Conversions Part 2

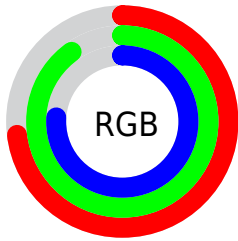
Format	Color
RYB	185, 223, 230
Decimal	12183233
CIELab	87.37, -21.62, 13.29
CIELCh	87, 25.382, 148.414
Yxy	70.7582, 0.3053, 0.3729
Android (android.graphics.Color)	4290373313 (0xFFB9E6C1)
YUV	212.3270, -9.5282, -23.9658
Hunter-Lab	84.1179, -24.2776, 15.8472

Details

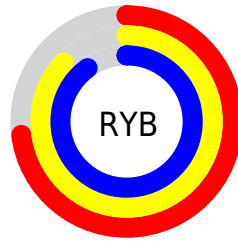
The XYZ color **57.9300, 70.7582, 61.0565** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.1694, 56.7964, 76.7438**, and the grayscale version is **62.8670, 66.1409, 72.0275**.

A 20% lighter version of the original color is **89.4768, 97.2368, 103.6752**, and **29.1563, 36.9615, 30.0237** is the 20% darker color. If you saturate the color by 10%, you get **50.8474, 67.3374, 50.4080**, and if you desaturate by 10%, it is **66.1838, 74.7557, 73.1711**.

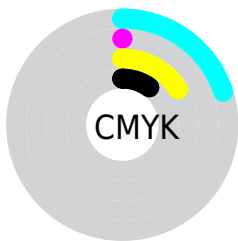
Distribution



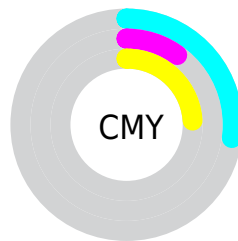
- Red (73%)
- Green (90%)
- Blue (76%)



- Red (73%)
- Yellow (87%)
- Blue (90%)



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



- Cyan (27%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9300, 70.7582, 61.0565 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 57.9300, 70.7582, 61.0565 by changing the saturation by 10% instead.

■ 57.9300, 70.7582,
61.0565

■ 57.9300, 70.7582,
61.0565

406.8831,
463.2077, 446.3934

■ 41.9954, 52.1449,
43.8399

■ 100.9445,
120.2894, 107.9191

■ 29.2888, 37.1206,
30.2084

128.7551,
151.9760, 138.4021

■ 19.4448, 25.3009,
19.7434

161.2550,
188.7892, 174.1444

■ 12.0980, 16.3014,
12.0265

198.8098,
231.1134, 215.5645

■ 6.8831, 9.7376,
6.6389

241.7846,
279.3330, 263.0809

■ 3.4348, 5.2254,
3.1623


290.5448,


■ 1.3876, 2.3801,


333.8323, 317.1122


1.1781


345.4559,
394.9957, 378.0768


 0.2474, 0.8156,
0.0000


 0.0000, 0.0000,
0.0000


 57.9300, 70.7582,
61.0565


 57.9300, 70.7582,
61.0565

 50.8474, 67.3374,
50.4080


 66.1838, 74.7557,
73.1711

 44.8771, 64.4580,
41.1654

 75.6530, 79.3453,
86.7996

 39.9636, 62.0946,
33.2714

 86.3863, 84.5534,
101.9934

 36.0442, 60.2163,
26.6626

 87.5882, 85.0764,
106.4127

■ 33.0495, 58.7887,
21.2710

■ 30.9012, 57.7730,
17.0218

■ 29.5070, 57.1234,
13.8323

■ 28.7234, 56.7679,
11.6067

■ 28.6965, 56.7557,
11.5302

Harmonies

Analogous

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



61.9313, 70.7582, 51.5670



57.9300, 70.7582, 61.0565



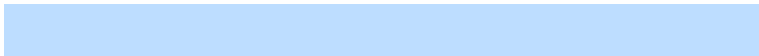
56.4061, 70.7582, 76.1362

Triad

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



57.9300, 70.7582, 61.0565



66.9359, 70.7582, 114.8549



77.8776, 70.7582, 62.4178

Complementary

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



57.9300, 70.7582, 61.0565



63.1694, 56.7964, 76.7438

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.



79.4096, 70.7582, 77.9583



57.9300, 70.7582, 61.0565



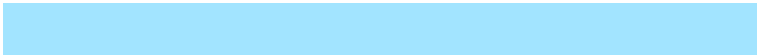
72.8723, 70.7582, 109.7733

Square

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



57.9300, 70.7582, 61.0565



61.4112, 70.7582, 108.6238



77.5274, 70.7582, 95.6030



73.4551, 70.7582, 52.2673

Rectangle

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



57.9300, 70.7582, 61.0565



56.9271, 70.7582, 87.9164



77.5274, 70.7582, 95.6030



78.7588, 70.7582, 67.1065

Sweetspot

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



57.9319, 70.7612, 61.0581



87.6836, 96.4289, 98.3267



67.3342, 75.7086, 56.9639



18.6036, 20.5602, 20.8088



0.0000, 0.0000, 0.0000



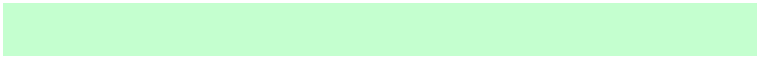
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9319, 70.7612, 61.0581



69.8513, 87.7968, 72.1533



60.5723, 71.8173, 74.9621



14.2934, 16.1308, 15.8099



16.2772, 32.1430, 6.6939



1.2335, 2.3875, 0.6562

Inverse Universe

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



63.1694, 56.7964, 76.7438



77.4753, 67.4645, 94.9837



60.4096, 55.6925, 62.2109



14.8794, 14.5689, 17.5652



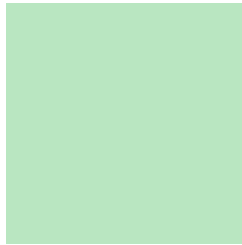
23.7232, 11.6235, 28.5012



1.7820, 0.8705, 2.2583

Previews

White Background



This preview shows how the XYZ color 57.9300, 70.7582, 61.0565 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 57.9300, 70.7582, 61.0565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

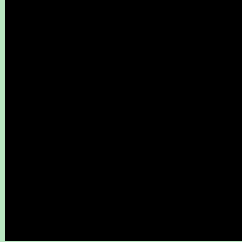
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9300, 70.7582, 61.0565

Background



This preview shows how black text looks on a background with the XYZ color 57.9300, 70.7582, 61.0565.

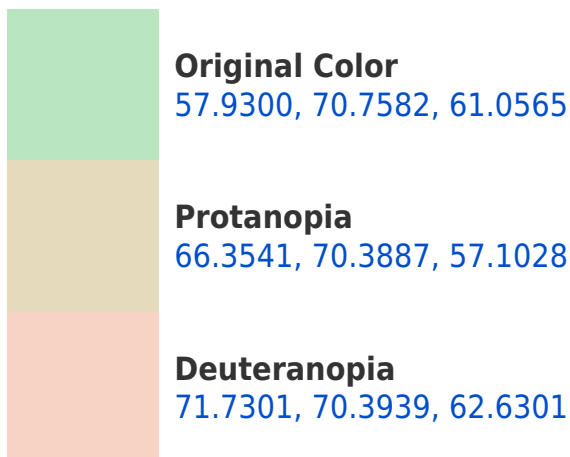


This preview shows how white text looks on a background with the XYZ color 57.9300, 70.7582,

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

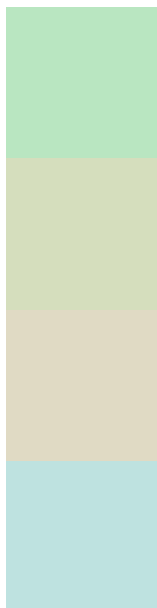




Tritanopia

64.2572, 70.4637, 93.4332

Trichromacy



Original Color

57.9300, 70.7582, 61.0565

Protanomaly

62.7472, 70.0628, 58.3605

Deuteranomaly

65.7757, 69.9756, 62.2644

Tritanomaly

61.8861, 70.7217, 80.9099

Monochromacy



Original Color

57.9300, 70.7582, 61.0565

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.7081, 67.6274, 67.6113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9300, 70.7582, 61.0565 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(185, 230, 193)` looks like.

```
.text, #text, p{  
    color:rgb(185, 230, 193)  
}
```

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(185, 230, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 230, 193) }
```

Border

The CSS property to change the border of an element to XYZ 57.9300, 70.7582, 61.0565 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(185, 230, 193) }
```


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

```
.border{ border-color:rgb(185, 230, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 230, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 230, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 230, 193);  
box-shadow:4px 4px 4px 4px rgb(185, 230,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9300, 70.7582, 61.0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 230, 193) }
```

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

```
.background{ background-color: rgb(185,  
230, 193) }
```

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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