

Converting Colors

XYZ(57.9415, 65.4572, 70.5966)

Have a look what the booklet for
XYZ(57.9415, 65.4572, 70.5966)
contains.

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Color

**XYZ(57.9316, 65.3552,
70.5343)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD9D2
RGB	191, 217, 210
RGB Percent	75%, 85%, 82%
CMY	0.2510, 0.1490, 0.1765
CMYK	0.12, 0.00, 0.03, 0.15
HSL	164°, 25%, 80%
HSV	164°, 12%, 85%
XYZ	57.9316, 65.3552, 70.5343
YIQ	208.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

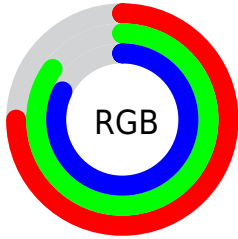
Format	Color
RYB	191, 206, 217
Decimal	12573138
CIELab	84.67, -9.98, 0.51
CIELCh	85, 9.989, 177.069
Yxy	65.3552, 0.2989, 0.3372
Android (android.graphics.Color)	4290763218 (0xFFBFD9D2)
YUV	208.4280, 0.7750, -15.2844
Hunter-Lab	80.8426, -13.5618, 4.8599

Details

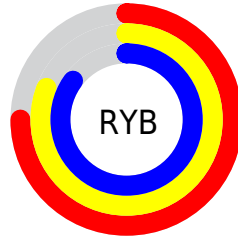
The XYZ color **57.9316, 65.3552, 70.5343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4415, 56.0923, 61.2285**, and the grayscale version is **60.2348, 63.3717, 69.0118**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.2376, 33.5593, 36.3891** is the 20% darker color. If you saturate the color by 10%, you get **52.1590, 62.4637, 66.5333**, and if you desaturate by 10%, it is **64.5431, 68.6797, 74.7161**.

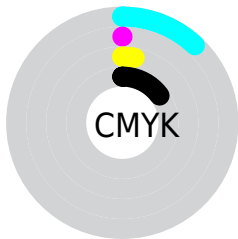
Distribution



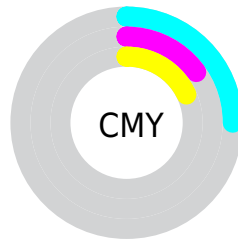
- Red (75%)
- Green (85%)
- Blue (82%)



- Red (75%)
- Yellow (81%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9316, 65.3552, 70.5343 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 57.9316, 65.3552, 70.5343 by changing the saturation by 10% instead.

■ 57.9316, 65.3552,
70.5343

■ 57.9316, 65.3552,
70.5343

406.8890,
444.0673, 481.2635

■ 41.9967, 47.7492,
51.4827

■ 100.9468,
112.5604, 121.6586

■ 29.2898, 33.6283,
36.2136

128.7578,
142.9283, 154.5685

■ 19.4456, 22.6082,
24.3082

161.2582,
178.3190, 192.9349

■ 12.0986, 14.3045,
15.3481

198.8134,
219.1168, 237.1763

■ 6.8835, 8.3327,
8.9147

241.7887,
265.7061, 287.7114

■ 3.4350, 4.3086,
4.5895

290.5495,

■ 1.3878, 1.8476,

318.4714, 344.9586

1.9540

345.4612,
377.7970, 409.3364

■ 0.2475, 0.5166,
0.5268

■ 0.0000, 0.0000,
0.0000

■ 57.9316, 65.3552,
70.5343

■ 57.9316, 65.3552,
70.5343

■ 52.1590, 62.4637,
66.5333

■ 64.5431, 68.6797,
74.7161

■ 47.1839, 59.9785,
62.7057


■ 72.0215, 72.4461,
79.0774


■ 42.9700, 57.8827,
59.0495

■ 79.9931, 76.4637,
83.6034


■ 39.4757, 56.1549,
55.5615


■ 80.8163, 76.7930,
87.9380

 36.6552, 54.7716,
52.2378


 81.6671, 77.1333,
92.4184


 34.4577, 53.7065,
49.0745


 82.5458, 77.4848,
97.0459

 32.8245, 52.9294,
46.0674

 83.4528, 77.8476,
101.8218

 31.6854, 52.4042,
43.2114

 84.1041, 78.1081,
105.2514

 31.0340, 52.1161,
41.0253

Harmonies

Analogous

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



58.5867, 65.3552, 64.6884



57.9316, 65.3552, 70.5343



58.3759, 65.3552, 76.8993

Triad

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



57.9316, 65.3552, 70.5343



64.0909, 65.3552, 82.6711



64.4796, 65.3552, 61.3389

Complementary

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



57.9316, 65.3552, 70.5343



57.4415, 56.0923, 61.2285

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.



66.0170, 65.3552, 65.7150



57.9316, 65.3552, 70.5343



65.7888, 65.3552, 78.0509

Square

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



57.9316, 65.3552, 70.5343



61.8990, 65.3552, 84.1493



66.5017, 65.3552, 71.7908



62.3378, 65.3552, 59.5825

Rectangle

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



57.9316, 65.3552, 70.5343



59.2418, 65.3552, 80.5405



66.5017, 65.3552, 71.7908



65.0861, 65.3552, 62.5390

Sweetspot

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



57.9335, 65.3579, 70.5358



90.9573, 97.9408, 106.4163



57.6044, 65.4458, 58.8875



19.3087, 20.8830, 22.6785



0.0000, 0.0000, 0.0000



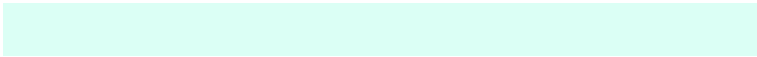
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9335, 65.3579, 70.5358



81.6041, 93.2428, 100.3916



57.3978, 62.8596, 74.7567



13.2874, 14.7666, 15.9764



18.8316, 31.5653, 25.0765



1.2552, 2.0590, 1.8100

Inverse Universe

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



57.4415, 56.0923, 61.2285



80.7808, 77.7321, 84.8125



57.9045, 58.2814, 57.4889



13.1994, 13.1088, 14.3111



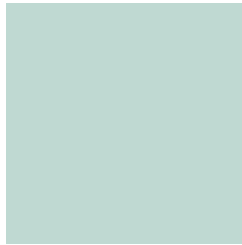
17.8292, 9.1327, 3.4808



1.1908, 0.6060, 0.4137

Previews

White Background



This preview shows how the XYZ color 57.9316, 65.3552, 70.5343 looks on a white background.

Color Contrast Check

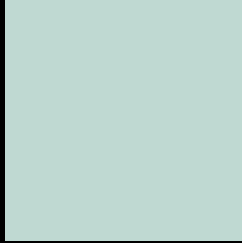
Large Text (above 18pt) WCAG AA × Fail

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 57.9316, 65.3552, 70.5343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

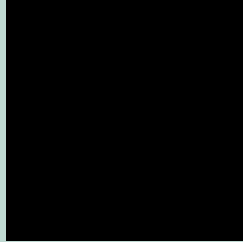
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9316, 65.3552, 70.5343

Background



This preview shows how black text looks on a background with the XYZ color 57.9316, 65.3552, 70.5343.

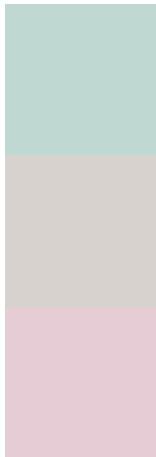


This preview shows how white text looks on a background with the XYZ color 57.9316, 65.3552,

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

57.9316, 65.3552, 70.5343

Protanopia

62.5061, 65.1483, 67.6730

Deuteranopia

66.2362, 64.8128, 71.9699



Tritanopia

60.9760, 65.4648, 85.0235

Trichromacy



Original Color

57.9316, 65.3552, 70.5343

Protanomaly

60.7889, 65.3589, 68.4431

Deuteranomaly

63.0030, 64.9533, 71.5040

Tritanomaly

59.8679, 65.3979, 79.2797

Monochromacy



Original Color

57.9316, 65.3552, 70.5343

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.1600, 63.7485, 69.5082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9316, 65.3552, 70.5343 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(191, 217, 210)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 210)  
}
```

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(191, 217, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 210) }
```

Border

The CSS property to change the border of an element to XYZ 57.9316, 65.3552, 70.5343 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(191, 217, 210) }
```


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

```
.border{ border-color:rgb(191, 217, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 217, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 210);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9316, 65.3552, 70.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 210) }
```

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

```
.background{ background-color: rgb(191,  
217, 210) }
```

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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