

Converting Colors

XYZ(56.9584, 63.4185, 65.1013)

Have a look what the booklet for
XYZ(56.9584, 63.4185, 65.1013)
contains.

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Color

**XYZ(56.9606, 63.4549,
65.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D5CA
RGB	195, 213, 202
RGB Percent	76%, 84%, 79%
CMY	0.2353, 0.1647, 0.2078
CMYK	0.08, 0.00, 0.05, 0.16
HSL	143°, 18%, 80%
HSV	143°, 8%, 84%
XYZ	56.9606, 63.4549, 65.1230
YIQ	206.3640, -7.1970, -7.2370

Conversions

Conversions Part 2

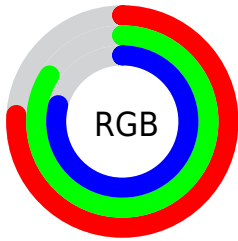
Format	Color
RYB	195, 208, 213
Decimal	12834250
CIELab	83.68, -8.11, 3.36
CIElCh	84, 8.777, 157.523
Yxy	63.4549, 0.3070, 0.3420
Android (android.graphics.Color)	4291024330 (0xFFC3D5CA)
YUV	206.3640, -2.1515, -9.9662
Hunter-Lab	79.6586, -11.7645, 7.2899

Details

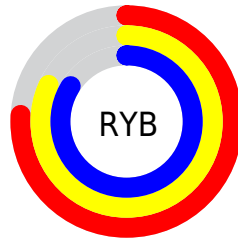
The XYZ color **56.9606, 63.4549, 65.1230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0986, 57.6342, 66.4579**, and the grayscale version is **58.9176, 61.9859, 67.5026**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.5567, 32.2546, 32.7376** is the 20% darker color. If you saturate the color by 10%, you get **50.3680, 60.2287, 57.1052**, and if you desaturate by 10%, it is **64.4720, 67.1432, 73.8653**.

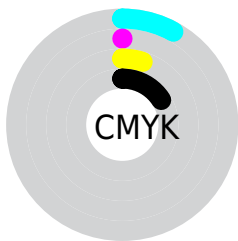
Distribution



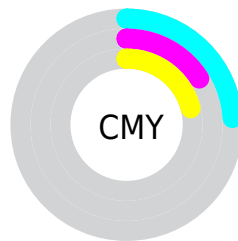
- Red (76%)
- Green (84%)
- Blue (79%)



- Red (76%)
- Yellow (82%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9606, 63.4549, 65.1230 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 56.9606, 63.4549, 65.1230 by changing the saturation by 10% instead.

■ 56.9606, 63.4549,
65.1230

■ 56.9606, 63.4549,
65.1230

403.3182,
437.2185, 461.5521

■ 41.2136, 46.2093,
47.1088

■ 99.5394, 109.8255,
113.8416

■ 28.6745, 32.4110,
32.7667

127.1019,
139.7194, 145.3832

■ 18.9777, 21.6756,
21.6782

159.3337,
174.5981, 182.2710

■ 11.7581, 13.6188,
13.4246

196.6000,
214.8461, 224.9236

■ 6.6502, 7.8560,
7.5874

239.2662,
260.8477, 273.7594

■ 3.2887, 4.0029,
3.7481

287.6978,

■ 1.3082, 1.6752,

312.9874, 329.1971

1.4882

342.2600,
371.6495, 391.6552

■ 0.1894, 0.4075,
0.2091

■ 0.0000, 0.0000,
0.0000

■ 56.9606, 63.4549,
65.1230

■ 56.9606, 63.4549,
65.1230

■ 50.3680, 60.2287,
57.1052

■ 64.4720, 67.1432,
73.8653

■ 44.6524, 57.4383,
49.7893

■ 72.9309, 71.3029,
83.3456

■ 39.7771, 55.0667,
43.1576

■ 80.9211, 75.2052,
93.5145

■ 35.7002, 53.0928,
37.1902

■ 82.9369, 76.0115,
104.1294

■ 32.3763, 51.4937,
31.8658

■ 83.0855, 76.0710,
104.9118

■ 29.7551, 50.2438,
27.1625

■ 27.7799, 49.3143,
23.0568

■ 26.3843, 48.6717,
19.5233

■ 25.4699, 48.2655,
16.5340

Harmonies

Analogous

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



58.0886, 63.4549, 61.0314



56.9606, 63.4549, 65.1230



56.7213, 63.4549, 70.4868

Triad

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



56.9606, 63.4549, 65.1230



60.7972, 63.4549, 80.1266



63.2913, 63.4549, 62.8425

Complementary

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



56.9606, 63.4549, 65.1230



58.0986, 57.6342, 66.4579

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.



64.0511, 63.4549, 67.7150



56.9606, 63.4549, 65.1230



62.5914, 63.4549, 77.8319

Square

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



56.9606, 63.4549, 65.1230



58.9099, 63.4549, 79.3420



63.7923, 63.4549, 73.2182



61.7362, 63.4549, 59.7644

Rectangle

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



56.9606, 63.4549, 65.1230



57.0931, 63.4549, 74.0996



63.7923, 63.4549, 73.2182



63.6496, 63.4549, 64.3144

Sweetspot

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



56.9624, 63.4576, 65.1244



91.5476, 98.2804, 104.8544



59.1283, 64.6678, 60.9963



19.3993, 20.9400, 22.2154



0.0000, 0.0000, 0.0000



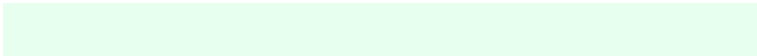
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9624, 63.4576, 65.1244



83.8743, 94.5169, 95.8061



58.0474, 63.8916, 70.8382



12.4603, 13.9751, 14.2385



15.5307, 29.4676, 10.0903



0.9767, 1.7933, 0.8191

Inverse Universe

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



58.0986, 57.6342, 66.4579



85.8923, 84.1735, 98.1744



57.0471, 57.2136, 60.9211



12.7389, 12.5471, 14.5655



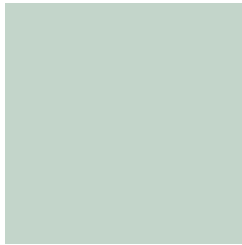
19.2820, 9.6491, 14.0549



1.2030, 0.5980, 1.0585

Previews

White Background



This preview shows how the XYZ color 56.9606, 63.4549, 65.1230 looks on a white background.

Color Contrast Check

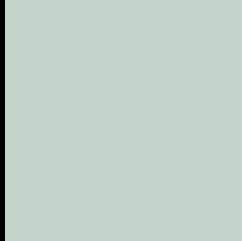
Large Text (above 18pt) WCAG AA × Fail

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 56.9606, 63.4549, 65.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

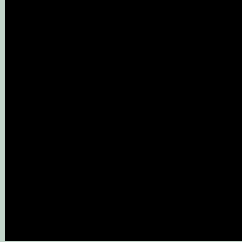
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

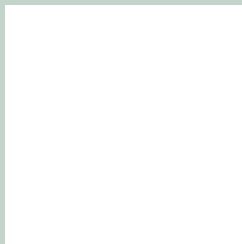
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9606, 63.4549, 65.1230

Background



This preview shows how black text looks on a background with the XYZ color 56.9606, 63.4549, 65.1230.



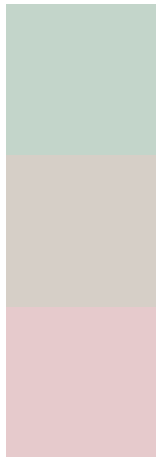
This preview shows how white text looks on a background with the XYZ color 56.9606, 63.4549,

65.1230.

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

56.9606, 63.4549, 65.1230

Protanopia

60.3532, 63.0453, 63.0208

Deuteranopia

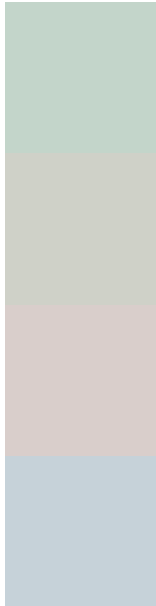
64.6527, 63.4237, 65.9612



Tritanopia

60.0811, 63.2340, 80.9903

Trichromacy



Original Color

56.9606, 63.4549, 65.1230

Protanomaly

58.9579, 63.0365, 63.7034

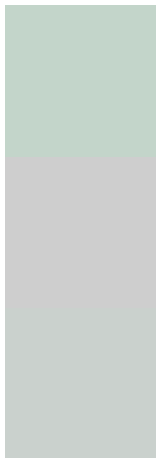
Deuteranomaly

61.4661, 63.2061, 65.4603

Tritanomaly

58.8597, 63.1087, 74.7246

Monochromacy



Original Color

56.9606, 63.4549, 65.1230

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.1770, 62.5653, 66.7677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9606, 63.4549, 65.1230 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(195, 213, 202)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 202)  
}
```

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(195, 213, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.9606, 63.4549, 65.1230 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(195, 213, 202) }
```


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

```
.border{ border-color:rgb(195, 213, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 202);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9606, 63.4549, 65.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 202) }
```

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

```
.background{ background-color: rgb(195,  
213, 202) }
```

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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