

Converting Colors

XYZ(55.6091, 57.0368, 65.8172)

Have a look what the booklet for
XYZ(55.6091, 57.0368, 65.8172)
contains.

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Color

**XYZ(55.6143, 57.0368,
65.8356)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC5CD
RGB	203, 197, 205
RGB Percent	80%, 77%, 80%
CMY	0.2039, 0.2274, 0.1961
CMYK	0.01, 0.04, 0.00, 0.20
HSL	285°, 7%, 79%
HSV	285°, 4%, 80%
XYZ	55.6143, 57.0368, 65.8356
YIQ	199.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

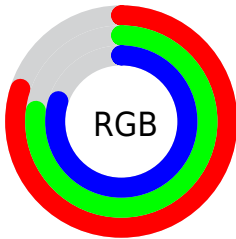
Format	Color
RYP	203, 197, 205
Decimal	13354445
CIELab	80.20, 3.55, -3.26
CIElCh	80, 4.815, 317.418
Yxy	57.0368, 0.3116, 0.3196
Android (android.graphics.Color)	4291544525 (0xFFCBC5CD)
YUV	199.7060, 2.6099, 2.8888
Hunter-Lab	75.5227, -0.7188, 1.1809

Details

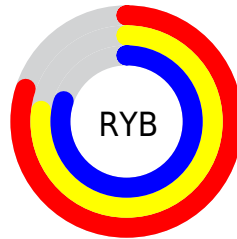
The XYZ color **55.6143, 57.0368, 65.8356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4647, 59.8375, 61.4527**, and the grayscale version is **54.7043, 57.5532, 62.6754**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **27.8028, 28.2688, 33.2692** is the 20% darker color. If you saturate the color by 10%, you get **49.8997, 47.6455, 64.3249**, and if you desaturate by 10%, it is **62.0114, 67.7228, 67.5619**.

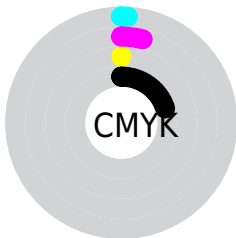
Distribution



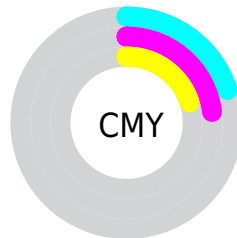
- Red (80%)
- Green (77%)
- Blue (80%)



- Red (80%)
- Yellow (77%)
- Blue (80%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6143, 57.0368, 65.8356 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 55.6143, 57.0368, 65.8356 by changing the saturation by 10% instead.

■ 55.6143, 57.0368,
65.8356

■ 55.6143, 57.0368,
65.8356

398.3350,
413.5872, 464.1769

■ 40.1296, 41.0348,
47.6833

97.5835, 100.5189,
114.8751

■ 27.8242, 28.3463,
33.2180

124.7987,
128.7677, 146.5994

■ 18.3330, 18.5868,
22.0210

156.6547,
161.8677, 183.6848

■ 11.2904, 11.3721,
13.6739

193.5169,
200.2031, 226.5498

■ 6.3313, 6.3177,
7.7580

235.7507,
244.1583, 275.6129

■ 3.0901, 3.0392,
3.8550

283.7214,

■ 1.2016, 1.1522,

294.1178, 331.2928

1.5461

337.7944,
350.4660, 394.0079

■ 0.1076, 0.0222,
0.2519

■ 0.0000, 0.0000,
0.0000

■ 55.6143, 57.0368,
65.8356

■ 55.6143, 57.0368,
65.8356

■ 49.8997, 47.6455,
64.3249

■ 62.0114, 67.7228,
67.5619

■ 44.8368, 39.4906,
63.0177

■ 69.1104, 79.7443,
69.5081

■ 40.3997, 32.5201,
61.9061

■ 75.8076, 90.8923,
71.3069

■ 36.5589, 26.6755,
60.9805

■ 77.3683, 91.6969,
71.3800

■ 33.2822, 21.8934,
60.2301

■ 78.9769, 92.5262,
71.4553

■ 30.5344, 18.1037,
59.6435

■ 80.6338, 93.3803,
71.5328

■ 28.2758, 15.2279,
59.2074

■ 82.3394, 94.2596,
71.6126

■ 26.4608, 13.1755,
58.9069

■ 84.0941, 95.1642,
71.6947

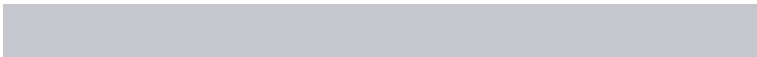
■ 25.0341, 11.8369,
58.7238

■ 85.8983, 96.0943,
71.7792

Harmonies

Analogous

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



54.7791, 57.0368, 67.4085



55.6143, 57.0368, 65.8356



56.0760, 57.0368, 63.2891

Triad

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



55.6143, 57.0368, 65.8356



54.6242, 57.0368, 56.9726



52.4296, 57.0368, 63.7366

Complementary

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



55.6143, 57.0368, 65.8356



55.4647, 59.8375, 61.4527

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.



52.3893, 57.0368, 60.9326



55.6143, 57.0368, 65.8356



53.6484, 57.0368, 57.0842

Square

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



55.6143, 57.0368, 65.8356



55.4998, 57.0368, 58.2053



52.8330, 57.0368, 58.5149



52.9439, 57.0368, 66.1717

Rectangle

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



55.6143, 57.0368, 65.8356



56.1062, 57.0368, 61.4077



52.8330, 57.0368, 58.5149



52.3604, 57.0368, 62.8043

Sweetspot

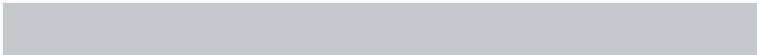
The Sweet Spot groups the original color and five complimentary colors.



55.6159, 57.0393, 65.8368



94.0076, 98.2630, 108.6197



54.5018, 57.1888, 65.9244



20.1325, 21.0506, 23.2520



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.



55.6159, 57.0393, 65.8368



89.9531, 91.5334, 107.5344



55.9402, 57.2323, 64.6832



11.8778, 12.0393, 14.2682



15.2150, 7.0512, 36.5154



0.8517, 0.3982, 1.8869

Inverse Universe

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



55.4539, 57.0378, 62.1224



89.6151, 91.5326, 99.6822



55.1527, 59.6518, 62.5612



11.8283, 12.0394, 13.1103



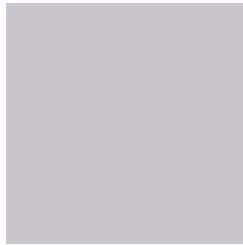
16.0817, 8.2433, 2.8831



0.8610, 0.4378, 0.3138

Previews

White Background



This preview shows how the XYZ color 55.6143, 57.0368, 65.8356 looks on a white background.

Color Contrast Check

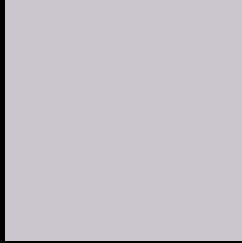
Large Text (above 18pt) WCAG AA × Fail

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 55.6143, 57.0368, 65.8356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

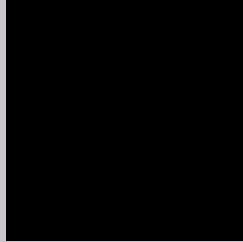
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6143, 57.0368, 65.8356

Background



This preview shows how black text looks on a background with the XYZ color 55.6143, 57.0368, 65.8356.

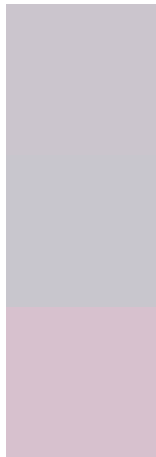


This preview shows how white text looks on a background with the XYZ color 55.6143, 57.0368,

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

55.6143, 57.0368, 65.8356

Protanopia

55.0329, 57.0753, 65.8737

Deuteranopia

58.2349, 57.0432, 66.3337



Tritanopia

56.3996, 57.0204, 69.6615

Trichromacy



Original Color

55.6143, 57.0368, 65.8356

Protanomaly

55.3009, 57.2135, 65.8862

Deuteranomaly

57.2963, 56.8887, 66.3533

Tritanomaly

56.1504, 56.9207, 68.3489

Monochromacy



Original Color

55.6143, 57.0368, 65.8356

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1715, 57.5286, 64.0734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6143, 57.0368, 65.8356 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(203, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 205)  
}
```

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(203, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.6143, 57.0368, 65.8356 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(203, 197, 205) }
```


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

```
.border{ border-color:rgb(203, 197, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 197, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6143, 57.0368, 65.8356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 197, 205) }
```

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

```
.background{ background-color: rgb(203,  
197, 205) }
```

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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