

Converting Colors

XYZ(56.2948, 58.7835, 65.4915)

Have a look what the booklet for
XYZ(56.2948, 58.7835, 65.4915)
contains.

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Color

**XYZ(56.4143, 58.8294,
65.5086)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC9CC
RGB	203, 201, 204
RGB Percent	80%, 79%, 80%
CMY	0.2039, 0.2117, 0.2000
CMYK	0.00, 0.01, 0.00, 0.20
HSL	280°, 3%, 79%
HSV	280°, 1%, 80%
XYZ	56.4143, 58.8294, 65.5086
YIQ	201.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

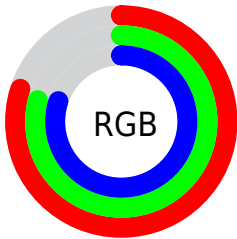
Format	Color
R _Y B	203, 201, 204
Decimal	13355468
CIE Lab	81.20, 1.24, -1.26
CIE LCh	81, 1.768, 314.631
Yxy	58.8294, 0.3121, 0.3255
Android (android.graphics.Color)	4291545548 (0xFFC9CC)
YUV	201.9400, 1.0156, 0.9296
Hunter-Lab	76.7003, -2.9360, 3.0515

Details

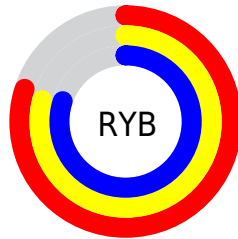
The XYZ color **56.4143, 58.8294, 65.5086** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4948, 59.9609, 63.8573**, and the grayscale version is **56.0968, 59.0182, 64.2708**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3332, 29.4590, 33.0470** is the 20% darker color. If you saturate the color by 10%, you get **50.1580, 49.0085, 63.9436**, and if you desaturate by 10%, it is **63.3870, 69.9604, 67.2905**.

Distribution



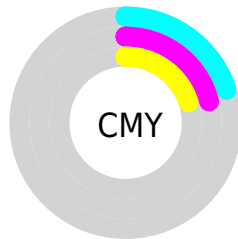
- Red (80%)
- Green (79%)
- Blue (80%)



- Red (80%)
- Yellow (79%)
- Blue (80%)



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



- Cyan (20%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4143, 58.8294, 65.5086 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 56.4143, 58.8294, 65.5086 by changing the saturation by 10% instead.

■ 56.4143, 58.8294,
65.5086

■ 56.4143, 58.8294,
65.5086

401.3007,
420.2694, 462.9736

■ 40.7735, 42.4758,
47.4196

98.7464, 103.1297,
114.4010

■ 28.3290, 29.4740,
33.0108

126.1683,
131.8451, 146.0416

■ 18.7156, 19.4397,
21.8635

158.2481,
165.4500, 183.0364

■ 11.5677, 11.9884,
13.5593

195.3509,
204.3287, 225.8040

■ 6.5201, 6.7358,
7.6796

237.8423,
248.8656, 274.7630

■ 3.2075, 3.2974,
3.8058

286.0875,

■ 1.2644, 1.2889,

299.4451, 330.3319

1.5194

340.4518,
356.4515, 392.9292

■ 0.1563, 0.1326,
0.2323

■ 0.0000, 0.0000,
0.0000

■ 56.4143, 58.8294,
65.5086

■ 56.4143, 58.8294,
65.5086

■ 50.1580, 49.0085,
63.9436

■ 63.3870, 69.9604,
67.2905

■ 44.5873, 40.4403,
62.5834

■ 71.0953, 82.4413,
69.2933

■ 39.6765, 33.0741,
61.4204

■ 77.2223, 91.6356,
70.7450

■ 35.3962, 26.8528,
60.4451

■ 79.3679, 92.7416,
70.8454

31.7148, 21.7146,
59.6474

81.5989, 93.8918,
70.9498

28.5976, 17.5918,
59.0159

83.9162, 95.0864,
71.0583

26.0059, 14.4088,
58.5381

86.3208, 96.3260,
71.1708

23.8956, 12.0792,
58.1997

87.8993, 97.1397,
71.2447

22.2142, 10.4997,
57.9835

Harmonies

Analogous

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



56.0946, 58.8294, 66.0366



56.4143, 58.8294, 65.5086



56.6008, 58.8294, 64.5939

Triad

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



56.4143, 58.8294, 65.5086



56.1034, 58.8294, 62.1205



55.2335, 58.8294, 64.5686

Complementary

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



56.4143, 58.8294, 65.5086



56.4948, 59.9609, 63.8573

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.



55.2359, 58.8294, 63.5195



56.4143, 58.8294, 65.5086



55.7370, 58.8294, 62.1139

Square

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



56.4143, 58.8294, 65.5086



56.4208, 58.8294, 62.6417



55.4198, 58.8294, 62.6235



55.4134, 58.8294, 65.4899

Rectangle

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



56.4143, 58.8294, 65.5086



56.6240, 58.8294, 63.8917



55.4198, 58.8294, 62.6235



55.2131, 58.8294, 64.2190

Sweetspot

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



56.4160, 58.8319, 65.5099

95.0500, 100.0000, 108.9000



56.1211, 59.0441, 65.5664



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



56.4160, 58.8319, 65.5099



92.8211, 96.4677, 108.3357



56.6354, 58.9513, 65.2391



12.3542, 12.8511, 14.3998



13.3442, 6.0867, 36.4278



0.7668, 0.3544, 1.8829

Inverse Universe

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



56.4512, 58.8776, 64.2694



92.9022, 96.5722, 105.5090



56.2780, 59.8430, 64.1236



12.3642, 12.8640, 14.0512



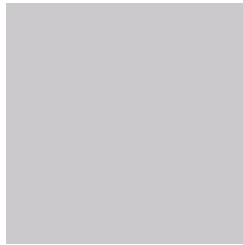
16.3708, 8.3589, 4.4052



0.8797, 0.4453, 0.4125

Previews

White Background



This preview shows how the XYZ color 56.4143, 58.8294, 65.5086 looks on a white background.

Color Contrast Check

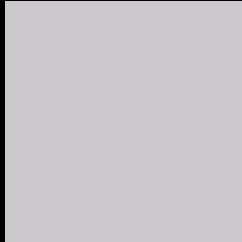
Large Text (above 18pt) WCAG AA × Fail

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 56.4143, 58.8294, 65.5086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

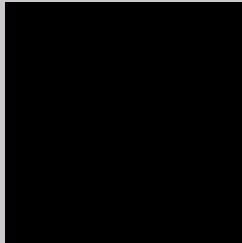
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

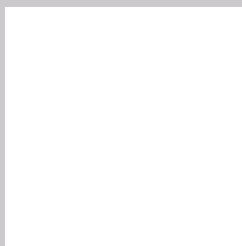
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4143, 58.8294, 65.5086

Background



This preview shows how black text looks on a background with the XYZ color 56.4143, 58.8294, 65.5086.

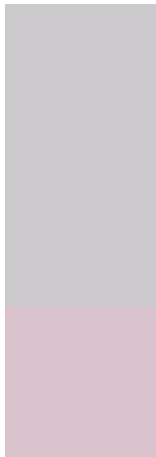


This preview shows how white text looks on a background with the XYZ color 56.4143, 58.8294,

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

56.4143, 58.8294, 65.5086

Protanopia

56.6876, 58.9703, 65.5214

Deuteranopia

59.7480, 58.4981, 65.8998



Tritanopia

57.8660, 58.7323, 72.5766

Trichromacy



Original Color

56.4143, 58.8294, 65.5086

Protanomaly

56.6876, 58.9703, 65.5214

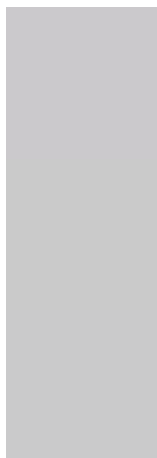
Deuteranomaly

58.4263, 58.4864, 65.9672

Tritanomaly

57.3140, 58.8491, 69.9663

Monochromacy



Original Color

56.4143, 58.8294, 65.5086

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2571, 59.1094, 64.9441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4143, 58.8294, 65.5086 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, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(203, 201, 204)  
}
```

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, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 201, 204) }
```

Border

The CSS property to change the border of an element to XYZ 56.4143, 58.8294, 65.5086 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, 201, 204) }
```

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

```
.border{ border-color:rgb(203, 201, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 201, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(203, 201,  
204) }
```


Background

The CSS property to change the background color of an element to XYZ 56.4143, 58.8294, 65.5086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 201, 204) }
```

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

```
.background{ background-color: rgb(203,  
201, 204) }
```

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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