

Converting Colors

XYZ(54.4717, 58.7574, 65.8806)

Have a look what the booklet for
XYZ(54.4717, 58.7574, 65.8806)
contains.

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Color

**XYZ(54.4843, 58.8828,
65.6206)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CCCC
RGB	193, 204, 204
RGB Percent	76%, 80%, 80%
CMY	0.2431, 0.2000, 0.2000
CMYK	0.05, 0.00, 0.00, 0.20
HSL	180°, 10%, 78%
HSV	180°, 5%, 80%
XYZ	54.4843, 58.8828, 65.6206
YIQ	200.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

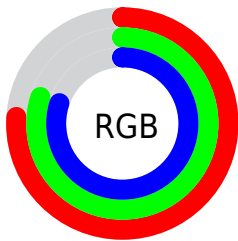
Format	Color
RYB	193, 199, 204
Decimal	12700876
CIELab	81.23, -3.73, -1.30
CIELCh	81, 3.953, 199.251
Yxy	58.8828, 0.3044, 0.3290
Android (android.graphics.Color)	4290890956 (0xFFC1CCCC)
YUV	200.7110, 1.6215, -6.7625
Hunter-Lab	76.7351, -7.5460, 3.0123

Details

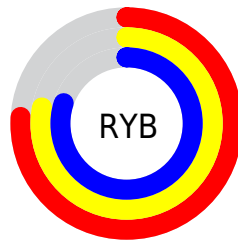
The XYZ color **54.4843, 58.8828, 65.6206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5996, 54.8292, 58.2131**, and the grayscale version is **55.3330, 58.2147, 63.3958**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **27.0588, 29.5037, 33.1228** is the 20% darker color. If you saturate the color by 10%, you get **49.6380, 56.3862, 65.3913**, and if you desaturate by 10%, it is **60.0513, 61.7543, 65.8860**.

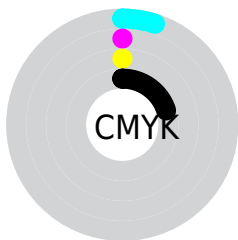
Distribution



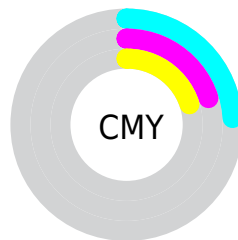
- Red (76%)
- Green (80%)
- Blue (80%)



- Red (76%)
- Yellow (78%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4843, 58.8828, 65.6206 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 54.4843, 58.8828, 65.6206 by changing the saturation by 10% instead.

■ 54.4843, 58.8828,
65.6206

■ 54.4843, 58.8828,
65.6206

394.1224,
420.4675, 463.3859

■ 39.2212, 42.5188,
47.5099

■ 95.9377, 103.2073,
114.5634

■ 27.1133, 29.5077,
33.0817

122.8587,
131.9366, 146.2327

■ 17.7954, 19.4652,
21.9174

154.3964,
165.5564, 183.2585

■ 10.9020, 12.0069,
13.5985

190.9161,
204.4512, 226.0595

■ 6.0678, 6.7484,
7.7064

232.7832,
249.0053, 275.0542

■ 2.9274, 3.3053,
3.8226

280.3630,

■ 1.1155, 1.2931,

299.6031, 330.6612

1.5285

334.0210,
356.6290, 393.2989

■ 0.0380, 0.1359,
0.2390

■ 0.0000, 0.0000,
0.0000

■ 54.4843, 58.8828,
65.6206

■ 54.4843, 58.8828,
65.6206

■ 49.6380, 56.3862,
65.3913

■ 60.0513, 61.7543,
65.8860

■ 45.4783, 54.2418,
65.1930

■ 66.3616, 65.0072,
66.1851

■ 41.9756, 52.4362,
65.0253

■ 73.4428, 68.6576,
66.5201

■ 39.0964, 50.9520,
64.8869

■ 73.7360, 68.8087,
66.5376

■ 36.8040, 49.7703,
64.7759

■ 73.7367, 68.8090,
66.5413

■ 35.0582, 48.8704,
64.6905

■ 73.7374, 68.8093,
66.5450

■ 33.8135, 48.2288,
64.6286

■ 73.7382, 68.8096,
66.5487

■ 33.0171, 47.8183,
64.5876

■ 73.7389, 68.8099,
66.5525

■ 32.6045, 47.6057,
64.5646

■ 73.7396, 68.8102,
66.5562

Harmonies

Analogous

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



54.4246, 58.8828, 63.2711



54.4843, 58.8828, 65.6206



54.9388, 58.8828, 67.6116

Triad

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



54.4843, 58.8828, 65.6206



57.1748, 58.8828, 67.1201



56.2623, 58.8828, 59.7593

Complementary

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



54.4843, 58.8828, 65.6206



53.5996, 54.8292, 58.2131

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.



57.0066, 58.8828, 60.7379



54.4843, 58.8828, 65.6206



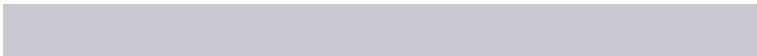
57.5369, 58.8828, 64.9631

Square

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



54.4843, 58.8828, 65.6206



56.4902, 58.8828, 68.4919



57.4750, 58.8828, 62.6294



55.4457, 58.8828, 59.9255

Rectangle

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



54.4843, 58.8828, 65.6206



55.4071, 58.8828, 68.4495



57.4750, 58.8828, 62.6294



56.5293, 58.8828, 59.9643

Sweetspot

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



54.4860, 58.8853, 65.6219



93.1983, 99.0454, 108.8121



53.2594, 58.4001, 58.9184



19.9677, 21.2098, 23.2912



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.



54.4860, 58.8853, 65.6219



89.6427, 97.2125, 108.6432



53.2438, 56.4003, 65.2097



11.8543, 12.8874, 14.4326



20.4464, 29.9239, 40.6315



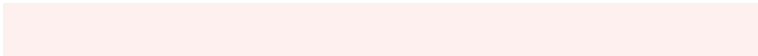
1.0549, 1.5438, 2.0964

Inverse Universe

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



53.5996, 54.8292, 58.2131



87.9961, 89.6774, 94.8796



54.7962, 57.2229, 58.6102



11.6184, 11.8077, 12.4604



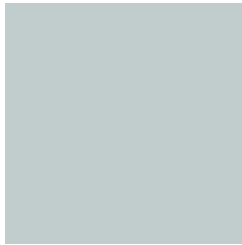
15.6738, 8.0801, 0.7349



0.8086, 0.4169, 0.0382

Previews

White Background



This preview shows how the XYZ color 54.4843, 58.8828, 65.6206 looks on a white background.

Color Contrast Check

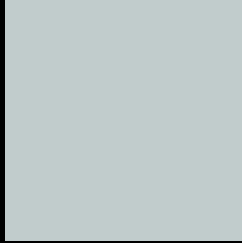
Large Text (above 18pt) WCAG AA × Fail

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 54.4843, 58.8828, 65.6206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

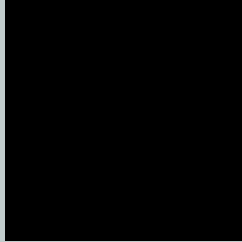
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

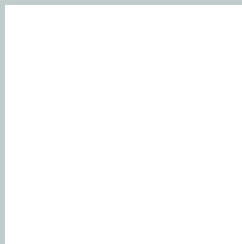
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4843, 58.8828, 65.6206

Background



This preview shows how black text looks on a background with the XYZ color 54.4843, 58.8828, 65.6206.

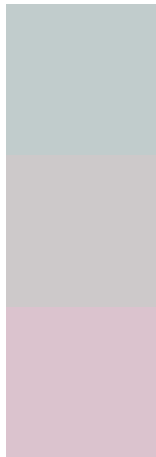


This preview shows how white text looks on a background with the XYZ color 54.4843, 58.8828,

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

54.4843, 58.8828, 65.6206

Protanopia

56.7242, 59.0167, 64.2788

Deuteranopia

59.8691, 58.5465, 66.5377



Tritanopia

56.2811, 58.9051, 74.7332

Trichromacy



Original Color

54.4843, 58.8828, 65.6206

Protanomaly

55.9874, 58.9704, 64.9315

Deuteranomaly

57.7919, 58.4976, 66.0028

Tritanomaly

55.6143, 58.9853, 71.4049

Monochromacy



Original Color

54.4843, 58.8828, 65.6206

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0699, 58.5111, 64.2684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4843, 58.8828, 65.6206 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(193, 204, 204) looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 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(193, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.4843, 58.8828, 65.6206 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(193, 204, 204) }
```


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

```
.border{ border-color:rgb(193, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4843, 58.8828, 65.6206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 204) }
```

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

```
.background{ background-color: rgb(193,  
204, 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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