

Converting Colors

XYZ(55.6143, 58.9853, 71.4049)

Have a look what the booklet for
XYZ(55.6143, 58.9853, 71.4049)
contains.

XYZ(55.6143, 58.9853, 71.4049)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.6143, 58.9853,
71.4049)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CBD5
RGB	194, 203, 213
RGB Percent	76%, 80%, 84%
CMY	0.2392, 0.2039, 0.1647
CMYK	0.09, 0.05, 0.00, 0.16
HSL	212°, 18%, 80%
HSV	212°, 9%, 84%
XYZ	55.6143, 58.9853, 71.4049
YIQ	201.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

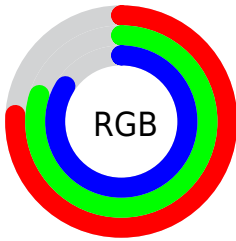
Format	Color
RYB	194, 200, 213
Decimal	12766165
CIELab	81.28, -1.12, -6.03
CIELCh	81, 6.135, 259.447
Yxy	58.9853, 0.2990, 0.3171
Android (android.graphics.Color)	4290956245 (0xFFC2CBD5)
YUV	201.4490, 5.6946, -6.5328
Hunter-Lab	76.8019, -5.1467, -1.3623

Details

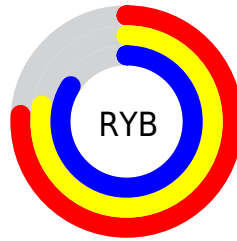
The XYZ color **55.6143, 58.9853, 71.4049** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7713, 61.2265, 59.7603**, and the grayscale version is **55.7669, 58.6712, 63.8929**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **27.7342, 29.5390, 36.5876** is the 20% darker color. If you saturate the color by 10%, you get **47.9833, 51.2648, 70.3178**, and if you desaturate by 10%, it is **64.2237, 67.4974, 72.5950**.

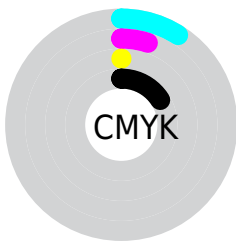
Distribution



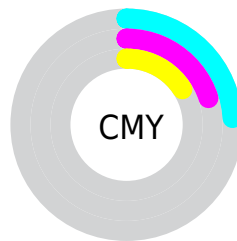
- Red (76%)
- Green (80%)
- Blue (84%)



- Red (76%)
- Yellow (78%)
- Blue (84%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6143, 58.9853, 71.4049 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, 58.9853, 71.4049 by changing the saturation by 10% instead.

■ 55.6143, 58.9853,
71.4049

■ 55.6143, 58.9853,
71.4049

398.3350,
420.8474, 484.3894

■ 40.1296, 42.6013,
52.1888

■ 97.5835, 103.3563,
122.9099

■ 27.8242, 29.5724,
36.7723

124.7987,
132.1121, 156.0359

■ 18.3330, 19.5143,
24.7369

156.6547,
165.7606, 194.6357

■ 11.2904, 12.0425,
15.6639

193.5169,
204.6861, 239.1277

■ 6.3313, 6.7726,
9.1349

235.7507,
249.2732, 289.9306

■ 3.0901, 3.3203,
4.7312

283.7214,

■ 1.2016, 1.3011,

299.9062, 347.4628

2.0345

337.7944,
356.9695, 412.1428

■ 0.1076, 0.1421,
0.5764

■ 0.0000, 0.0000,
0.0000

■ 55.6143, 58.9853,
71.4049

■ 55.6143, 58.9853,
71.4049

■ 47.9833, 51.2648,
70.3178

■ 64.2237, 67.4974,
72.5950

■ 41.2882, 44.3033,
69.3270

■ 73.8413, 76.8175,
73.8871

■ 35.4912, 38.0767,
68.4307

■ 83.4264, 86.4162,
75.2347

■ 30.5496, 32.5566,
67.6256

■ 86.7666, 93.0965,
76.3480

■ 26.4167, 27.7124,
66.9084

■ 89.0104, 97.5842,
77.0960

■ 23.0414, 23.5107,
66.2753

■ 20.3656, 19.9145,
65.7222

■ 18.3216, 16.8814,
65.2445

■ 16.8044, 14.3493,
64.8357

Harmonies

Analogous

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



54.4791, 58.9853, 69.7295



55.6143, 58.9853, 71.4049



56.8870, 58.9853, 71.1018

Triad

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



55.6143, 58.9853, 71.4049



58.4162, 58.9853, 61.9072



54.2149, 58.9853, 59.7514

Complementary

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



55.6143, 58.9853, 71.4049



58.7713, 61.2265, 59.7603

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.



55.2485, 58.9853, 57.8065



55.6143, 58.9853, 71.4049



57.6788, 58.9853, 59.0180

Square

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



55.6143, 58.9853, 71.4049



58.5177, 58.9853, 65.5243



56.5156, 58.9853, 57.5432



53.6794, 58.9853, 62.9429

Rectangle

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



55.6143, 58.9853, 71.4049



57.6417, 58.9853, 69.8220



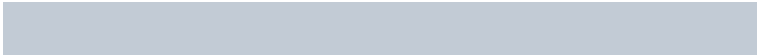
56.5156, 58.9853, 57.5432



54.5149, 58.9853, 58.9354

Sweetspot

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



55.6160, 58.9878, 71.4062



91.0207, 96.0365, 108.3473



56.9205, 63.4097, 66.2517



19.2567, 20.3331, 23.1597



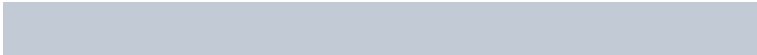
0.0000, 0.0000, 0.0000



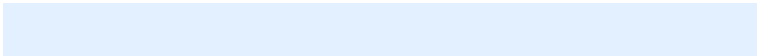
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6160, 58.9878, 71.4062



80.9440, 86.0052, 106.9422



53.6325, 54.9000, 70.7217



12.2231, 12.9695, 15.7967



10.2756, 8.8130, 39.6126



0.7023, 0.6966, 2.4168

Inverse Universe

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



57.5132, 57.0427, 64.4819



84.4595, 82.4764, 94.0943



60.8816, 65.5833, 60.4900



12.6658, 12.5178, 14.1803



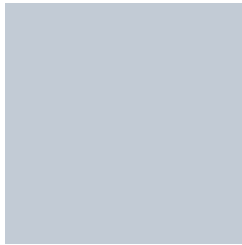
18.2455, 9.2345, 8.5968



1.1421, 0.5736, 0.7379

Previews

White Background



This preview shows how the XYZ color 55.6143, 58.9853, 71.4049 looks on a white background.

Color Contrast Check

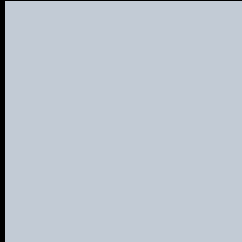
Large Text (above 18pt) WCAG AA × Fail

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, 58.9853, 71.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

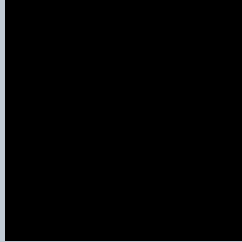
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

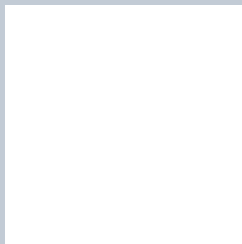
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6143, 58.9853, 71.4049

Background



This preview shows how black text looks on a background with the XYZ color 55.6143, 58.9853, 71.4049.

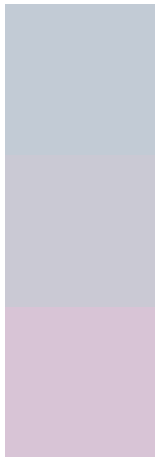


This preview shows how white text looks on a background with the XYZ color 55.6143, 58.9853,

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, 58.9853, 71.4049

Protanopia

57.1274, 59.0833, 70.6806

Deuteranopia

60.1964, 58.9338, 71.8210



Tritanopia

56.2811, 58.9051, 74.7332

Trichromacy



Original Color

55.6143, 58.9853, 71.4049

Protanomaly

56.5574, 59.1366, 70.7210

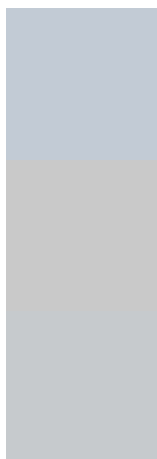
Deuteranomaly

58.5734, 59.1118, 71.9409

Tritanomaly

56.0209, 58.8010, 73.3629

Monochromacy



Original Color

55.6143, 58.9853, 71.4049

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4287, 58.6546, 66.1577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6143, 58.9853, 71.4049 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(194, 203, 213)` looks like.

```
.text, #text, p{  
    color:rgb(194, 203, 213)  
}
```

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(194, 203, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 203, 213) }
```

Border

The CSS property to change the border of an element to XYZ 55.6143, 58.9853, 71.4049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

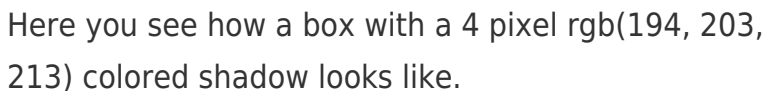
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 203, 213) }
```


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

```
.border{ border-color:rgb(194, 203, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 203, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 203, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 203, 213); box-shadow:4px 4px 4px 4px rgb(194, 203, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6143, 58.9853, 71.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 203, 213) }
```

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

```
.background{ background-color: rgb(194,  
203, 213) }
```

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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