

Converting Colors

XYZ(55.7904, 60.1296, 68.7067)

Have a look what the booklet for
XYZ(55.7904, 60.1296, 68.7067)
contains.

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Color

**XYZ(55.8281, 60.2154,
69.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CED1
RGB	194, 206, 209
RGB Percent	76%, 81%, 82%
CMY	0.2392, 0.1921, 0.1804
CMYK	0.07, 0.01, 0.00, 0.18
HSL	192°, 14%, 79%
HSV	192°, 7%, 82%
XYZ	55.8281, 60.2154, 69.0019
YIQ	202.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

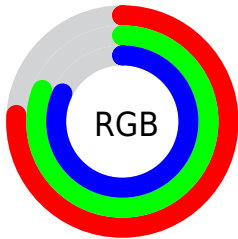
Format	Color
RYB	194, 201, 209
Decimal	12766929
CIELab	81.96, -3.48, -2.90
CIElCh	82, 4.533, 219.794
Yxy	60.2154, 0.3017, 0.3254
Android (android.graphics.Color)	4290957009 (0xFFC2CED1)
YUV	202.7540, 3.0793, -7.6773
Hunter-Lab	77.5986, -7.3762, 1.5974

Details

The XYZ color **55.8281, 60.2154, 69.0019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9987, 57.3825, 59.1645**, and the grayscale version is **56.5968, 59.5443, 64.8437**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **27.9598, 30.3985, 35.4042** is the 20% darker color. If you saturate the color by 10%, you get **49.8453, 55.6602, 68.4389**, and if you desaturate by 10%, it is **62.5955, 65.2180, 69.6118**.

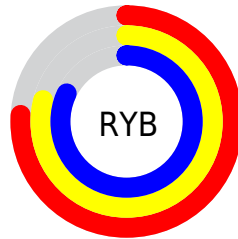
Distribution



Red (76%)

Green (81%)

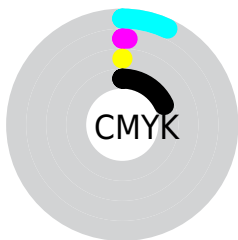
Blue (82%)



Red (76%)

Yellow (79%)

Blue (82%)

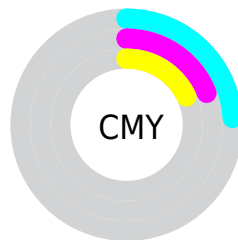


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (19%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8281, 60.2154, 69.0019 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 55.8281, 60.2154, 69.0019 by changing the saturation by 10% instead.

■ 55.8281, 60.2154,
69.0019

■ 55.8281, 60.2154,
69.0019

399.1289,
425.3913, 475.7318

■ 40.3016, 43.5923,
50.2415

■ 97.8945, 105.1421,
119.4520

■ 27.9590, 30.3501,
35.2328

125.1650,
134.2144, 151.9788

■ 18.4351, 20.1045,
23.5573

157.0810,
168.2053, 189.9315

■ 11.3644, 12.4710,
14.7964

194.0076,
207.4990, 233.7285

■ 6.3816, 7.0653,
8.5316

236.3104,
252.4801, 283.7886

■ 3.1213, 3.5030,
4.3443

284.3546,

■ 1.2182, 1.3996,

303.5330, 340.5301

1.8161

338.5057,
361.0419, 404.3717

■ 0.1207, 0.2164,
0.4385

■ 0.0000, 0.0000,
0.0000

■ 55.8281, 60.2154,
69.0019

■ 55.8281, 60.2154,
69.0019

■ 49.8453, 55.6602,
68.4389

■ 62.5955, 65.2180,
69.6118

■ 44.6104, 51.5282,
67.9173

■ 70.1720, 70.6761,
70.2659

■ 40.0913, 47.8043,
67.4367

■ 77.9583, 76.2826,
70.9377

■ 36.2518, 44.4695,
66.9953

■ 79.0584, 78.4827,
71.3044

■ 33.0522, 41.5030,
66.5914

■ 80.1859, 80.7378,
71.6802

■ 30.4486, 38.8818,
66.2227

■ 81.3412, 83.0483,
72.0653

■ 28.3913, 36.5800,
65.8868

■ 82.5243, 85.4146,
72.4597

■ 26.8223, 34.5674,
65.5810

■ 83.7356, 87.8370,
72.8635

■ 25.6636, 32.8034,
65.3016

■ 84.9750, 90.3160,
73.2766

Harmonies

Analogous

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



55.4354, 60.2154, 66.4665



55.8281, 60.2154, 69.0019



56.5985, 60.2154, 70.6450

Triad

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



55.8281, 60.2154, 69.0019



58.9805, 60.2154, 67.4049



56.9199, 60.2154, 60.4979

Complementary

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



55.8281, 60.2154, 69.0019



55.9987, 57.3825, 59.1645

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.



57.8721, 60.2154, 60.7333



55.8281, 60.2154, 69.0019



59.0689, 60.2154, 64.6703

Square

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



55.8281, 60.2154, 69.0019



58.4210, 60.2154, 69.7053



58.6611, 60.2154, 62.2429



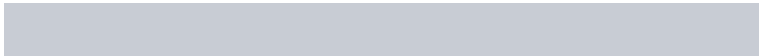
56.0611, 60.2154, 61.5907

Rectangle

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



55.8281, 60.2154, 69.0019



57.2263, 60.2154, 70.9870



58.6611, 60.2154, 62.2429



57.2396, 60.2154, 60.4251

Sweetspot

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



55.8298, 60.2179, 69.0032



92.8743, 98.3971, 108.7053



55.0990, 61.0911, 61.5620



19.9017, 21.0779, 23.2695



0.0000, 0.0000, 0.0000



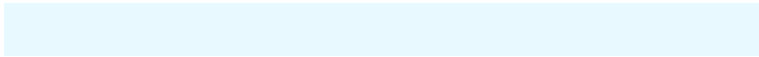
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8298, 60.2179, 69.0032



85.6596, 93.0134, 108.0464



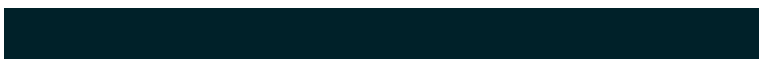
54.1237, 56.8058, 68.4345



11.9494, 12.9890, 15.1210



15.7145, 20.0757, 40.2392



0.9309, 1.2270, 2.2673

Inverse Universe

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



56.7282, 56.5964, 66.3298



87.4311, 85.9296, 102.7618



57.6854, 60.7561, 59.7268



12.2053, 11.9669, 14.3572



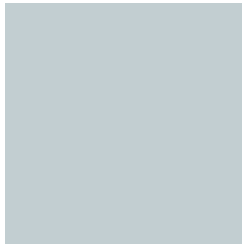
20.5627, 10.0979, 23.6671



1.1761, 0.5752, 1.4622

Previews

White Background



This preview shows how the XYZ color 55.8281, 60.2154, 69.0019 looks on a white background.

Color Contrast Check

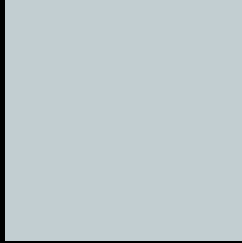
Large Text (above 18pt) WCAG AA × Fail

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 55.8281, 60.2154, 69.0019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

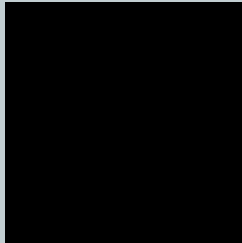
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

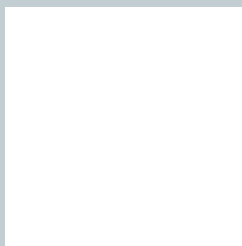
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8281, 60.2154, 69.0019

Background



This preview shows how black text looks on a background with the XYZ color 55.8281, 60.2154, 69.0019.



This preview shows how white text looks on a background with the XYZ color 55.8281, 60.2154,

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

55.8281, 60.2154, 69.0019

Protanopia

58.0720, 60.3387, 67.6173

Deuteranopia

61.2393, 59.8513, 69.9528



Tritanopia

57.2761, 60.0888, 76.2897

Trichromacy



Original Color

55.8281, 60.2154, 69.0019

Protanomaly

57.3352, 60.2964, 68.2910

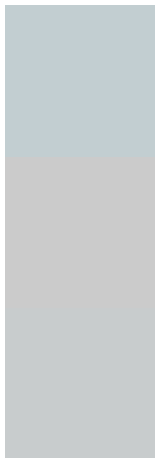
Deuteranomaly

59.1511, 59.8106, 69.3998

Tritanomaly

56.7317, 60.2226, 73.5998

Monochromacy



Original Color

55.8281, 60.2154, 69.0019

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4317, 59.8729, 66.3400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8281, 60.2154, 69.0019 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, 206, 209) looks like.

```
.text, #text, p{  
    color:rgb(194, 206, 209)  
}
```

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, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 206, 209) }
```

Border

The CSS property to change the border of an element to XYZ 55.8281, 60.2154, 69.0019 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, 206, 209) }
```


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

```
.border{ border-color:rgb(194, 206, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 206, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 206, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 206, 209); box-shadow:4px 4px 4px 4px rgb(194, 206, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8281, 60.2154, 69.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 206, 209) }
```

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

```
.background{ background-color: rgb(194,  
206, 209) }
```

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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