

Converting Colors

XYZ(55.6286, 59.5137, 68.6650)

Have a look what the booklet for
XYZ(55.6286, 59.5137, 68.6650)
contains.

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Color

**XYZ(55.6072, 59.3913,
68.8545)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CCD1
RGB	195, 204, 209
RGB Percent	76%, 80%, 82%
CMY	0.2353, 0.2000, 0.1804
CMYK	0.07, 0.02, 0.00, 0.18
HSL	201°, 13%, 79%
HSV	201°, 7%, 82%
XYZ	55.6072, 59.3913, 68.8545
YIQ	201.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

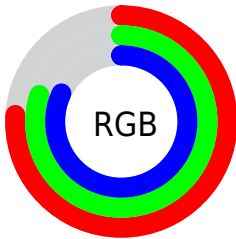
Format	Color
R_{YB}	195, 200, 209
Decimal	12831953
CIE _{Lab}	81.51, -2.10, -3.55
CIE _{LCh}	82, 4.128, 239.400
Yxy	59.3913, 0.3025, 0.3230
Android (android.graphics.Color)	4291022033 (0xFFC3CCD1)
YUV	201.8790, 3.5107, -6.0329
Hunter-Lab	77.0658, -6.0674, 0.9733

Details

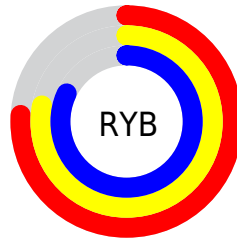
The XYZ color **55.6072, 59.3913, 68.8545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7994, 58.8036, 59.9874**, and the grayscale version is **56.0470, 58.9658, 64.2137**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **27.8072, 29.8420, 35.3048** is the 20% darker color. If you saturate the color by 10%, you get **48.8501, 53.3400, 68.0435**, and if you desaturate by 10%, it is **63.2085, 66.0071, 69.7318**.

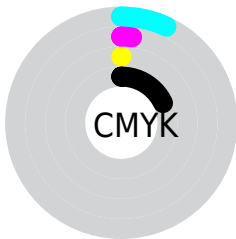
Distribution



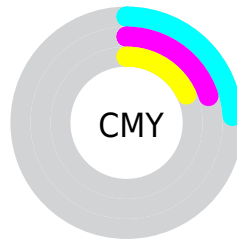
- Red (76%)
- Green (80%)
- Blue (82%)



- Red (76%)
- Yellow (78%)
- Blue (82%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6072, 59.3913, 68.8545 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 55.6072, 59.3913, 68.8545 by changing the saturation by 10% instead.

■ 55.6072, 59.3913,
68.8545

■ 55.6072, 59.3913,
68.8545

398.3086,
422.3505, 475.1977

■ 40.1238, 42.9282,
50.1222

97.5732, 103.9462,
119.2395

■ 27.8198, 29.8288,
35.1386

124.7865,
132.8067, 151.7292

■ 18.3296, 19.7087,
23.4853

156.6405,
166.5685, 189.6419

■ 11.2880, 12.1834,
14.7436

193.5006,
205.6160, 233.3960

■ 6.3296, 6.8687,
8.4950

235.7321,
250.3336, 283.4101

■ 3.0891, 3.3801,
4.3210

283.7004,

■ 1.2010, 1.3333,

301.1055, 340.1027

1.8030

337.7707,
358.3164, 403.8924

■ 0.1072, 0.1667,
0.4300

■ 0.0000, 0.0000,
0.0000

■ 55.6072, 59.3913,
68.8545

■ 55.6072, 59.3913,
68.8545

■ 48.8501, 53.3400,
68.0435

■ 63.2085, 66.0071,
69.7318

■ 42.8997, 47.8273,
67.2931

■ 71.6795, 73.1974,
70.6732

■ 37.7231, 42.8361,
66.6025

■ 80.0496, 80.4652,
71.6348

■ 33.2831, 38.3454,
65.9698

■ 82.1271, 84.6201,
72.3273

■ 29.5391, 34.3323,
65.3925

■ 84.2939, 88.9537,
73.0496

■ 26.4465, 30.7720,
64.8683

■ 86.5512, 93.4684,
73.8020

■ 23.9547, 27.6364,
64.3944

■ 88.5088, 97.3835,
74.4545

■ 22.0051, 24.8934,
63.9677

■ 20.5220, 22.5017,
63.5842

Harmonies

Analogous

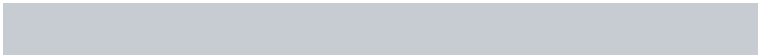
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.0129, 59.3913, 67.0338



55.6072, 59.3913, 68.8545



56.4322, 59.3913, 69.5482

Triad

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



55.6072, 59.3913, 68.8545



58.1292, 59.3913, 64.7169



55.6371, 59.3913, 60.6051

Complementary

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



55.6072, 59.3913, 68.8545



56.7994, 58.8036, 59.9874

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.



56.4671, 59.3913, 60.0197



55.6072, 59.3913, 68.8545



57.9112, 59.3913, 62.3566

Square

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



55.6072, 59.3913, 68.8545



57.8935, 59.3913, 67.1223



57.3006, 59.3913, 60.6529



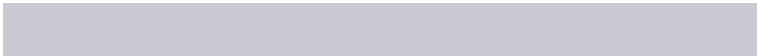
55.0300, 59.3913, 62.2724

Rectangle

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



55.6072, 59.3913, 68.8545



57.0039, 59.3913, 69.2650



57.3006, 59.3913, 60.6529



55.8990, 59.3913, 60.2772

Sweetspot

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



55.6089, 59.3938, 68.8558



92.6206, 97.8896, 108.6207



55.7208, 61.3695, 63.4920



19.8501, 20.9746, 23.2522



0.0000, 0.0000, 0.0000



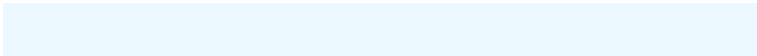
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6089, 59.3938, 68.8558



85.6600, 91.7762, 107.8076



54.0043, 56.1846, 68.3209



11.7886, 12.6675, 15.0674



12.4828, 13.6121, 39.1620



0.7714, 0.9081, 2.2142

Inverse Universe

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



56.7101, 56.9464, 65.1325



87.7336, 87.2077, 100.7871



58.4344, 62.0737, 60.5324



12.1242, 11.9344, 13.9299



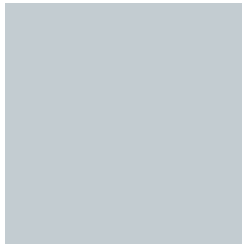
18.9314, 9.4454, 15.0770



1.0956, 0.5430, 1.0383

Previews

White Background



This preview shows how the XYZ color 55.6072, 59.3913, 68.8545 looks on a white background.

Color Contrast Check

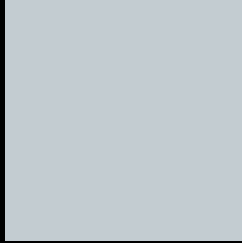
Large Text (above 18pt) WCAG AA × Fail

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 55.6072, 59.3913, 68.8545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

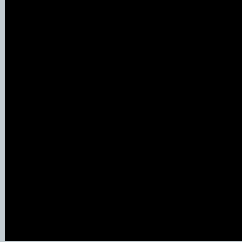
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

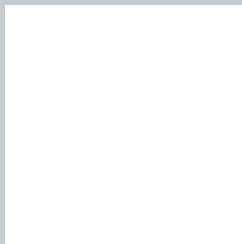
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6072, 59.3913, 68.8545

Background



This preview shows how black text looks on a background with the XYZ color 55.6072, 59.3913, 68.8545.



This preview shows how white text looks on a background with the XYZ color 55.6072, 59.3913,

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

55.6072, 59.3913, 68.8545

Protanopia

57.0510, 59.1157, 67.4350

Deuteranopia

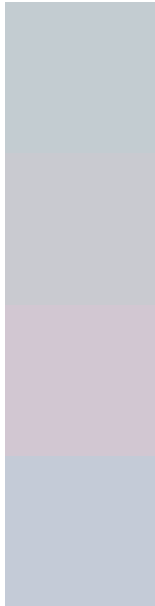
60.4112, 59.0884, 69.8492



Tritanopia

57.1681, 59.6967, 75.5274

Trichromacy



Original Color

55.6072, 59.3913, 68.8545

Protanomaly

56.5931, 59.2126, 68.1209

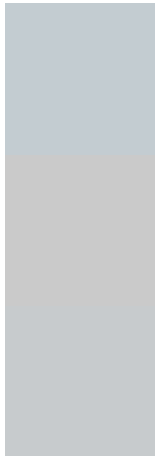
Deuteranomaly

58.6346, 59.2016, 69.3094

Tritanomaly

56.3866, 59.3539, 72.7745

Monochromacy



Original Color

55.6072, 59.3913, 68.8545

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9286, 59.2618, 66.2485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6072, 59.3913, 68.8545 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(195, 204, 209) looks like.

```
.text, #text, p{  
    color:rgb(195, 204, 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(195, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 204, 209) }
```

Border

The CSS property to change the border of an element to XYZ 55.6072, 59.3913, 68.8545 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(195, 204, 209) }
```


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

```
.border{ border-color:rgb(195, 204, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 204, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(195, 204,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6072, 59.3913, 68.8545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 204, 209) }
```

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

```
.background{ background-color: rgb(195,  
204, 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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