

Converting Colors

XYZ(55.0299, 59.3745, 68.2002)

Have a look what the booklet for
XYZ(55.0299, 59.3745, 68.2002)
contains.

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Color

**XYZ(55.2088, 59.5542,
68.2598)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CDD0
RGB	193, 205, 208
RGB Percent	76%, 80%, 82%
CMY	0.2431, 0.1961, 0.1843
CMYK	0.07, 0.01, 0.00, 0.18
HSL	192°, 14%, 79%
HSV	192°, 7%, 82%
XYZ	55.2088, 59.5542, 68.2598
YIQ	201.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

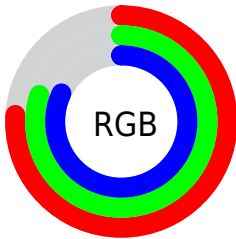
Format	Color
R _{YB}	193, 200, 208
Decimal	12701136
CIE Lab	81.60, -3.49, -2.90
CIE LCh	82, 4.537, 219.792
Yxy	59.5542, 0.3016, 0.3254
Android (android.graphics.Color)	4290891216 (0xFFC1CDD0)
YUV	201.7540, 3.0793, -7.6773
Hunter-Lab	77.1714, -7.3501, 1.5766

Details

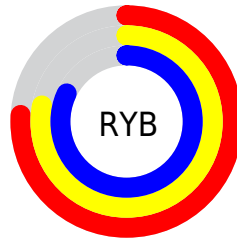
The XYZ color **55.2088, 59.5542, 68.2598** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3782, 56.7395, 58.4860**, and the grayscale version is **55.9722, 58.8871, 64.1281**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **27.5468, 29.9553, 34.9019** is the 20% darker color. If you saturate the color by 10%, you get **49.2944, 55.0507, 67.7032**, and if you desaturate by 10%, it is **61.8988, 64.5000, 68.8628**.

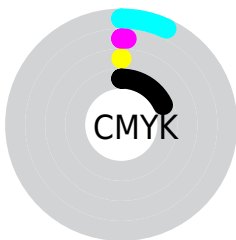
Distribution



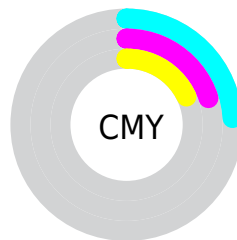
- Red (76%)
- Green (80%)
- Blue (82%)



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



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2088, 59.5542, 68.2598 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 55.2088, 59.5542, 68.2598 by changing the saturation by 10% instead.

■ 55.2088, 59.5542,
68.2598

■ 55.2088, 59.5542,
68.2598

396.8265,
422.9526, 473.0390

■ 39.8034, 43.0594,
49.6411

■ 96.9934, 104.1827,
118.3815

■ 27.5688, 29.9317,
34.7591

124.1032,
133.0852, 150.7215

■ 18.1397, 19.7868,
23.1953

155.8453,
166.8924, 188.4724

■ 11.1506, 12.2401,
14.5311

192.5850,
205.9887, 232.0528

■ 6.2363, 6.9074,
8.3481

234.6876,
250.7585, 281.8810

■ 3.0313, 3.4043,
4.2275

282.5185,

■ 1.1703, 1.3463,

301.5861, 338.3758

1.7510

336.4430,
358.8560, 401.9556

■ 0.0828, 0.1766,
0.3953

■ 0.0000, 0.0000,
0.0000

■ 55.2088, 59.5542,
68.2598

■ 55.2088, 59.5542,
68.2598

■ 49.2944, 55.0507,
67.7032

■ 61.8988, 64.5000,
68.8628

■ 44.1193, 50.9655,
67.1874

■ 69.3887, 69.8960,
69.5095

■ 39.6518, 47.2838,
66.7122

■ 77.5598, 75.6830,
70.1959

■ 35.8562, 43.9867,
66.2759

■ 78.6475, 77.8585,
70.5584

■ 32.6931, 41.0537,
65.8765

■ 79.7624, 80.0883,
70.9301

■ 30.1191, 38.4620,
65.5119

■ 80.9047, 82.3729,
71.3108

■ 28.0852, 36.1861,
65.1798

■ 82.0746, 84.7126,
71.7008

■ 26.5340, 34.1960,
64.8774

■ 83.2722, 87.1078,
72.1000

■ 25.3879, 32.4516,
64.6011

■ 84.4977, 89.5589,
72.5085

Harmonies

Analogous

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



54.8187, 59.5542, 65.7406



55.2088, 59.5542, 68.2598



55.9742, 59.5542, 69.8926

Triad

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



55.2088, 59.5542, 68.2598



58.3408, 59.5542, 66.6732



56.2935, 59.5542, 59.8115

Complementary

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



55.2088, 59.5542, 68.2598



55.3782, 56.7395, 58.4860

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.



57.2395, 59.5542, 60.0453



55.2088, 59.5542, 68.2598



58.4286, 59.5542, 63.9563

Square

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



55.2088, 59.5542, 68.2598



57.7848, 59.5542, 68.9589



58.0235, 59.5542, 61.5449



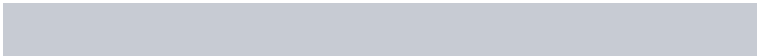
55.4403, 59.5542, 60.8969

Rectangle

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



55.2088, 59.5542, 68.2598



56.5978, 59.5542, 70.2325



58.0235, 59.5542, 61.5449



56.6111, 59.5542, 59.7392

Sweetspot

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



55.2105, 59.5567, 68.2611



92.8743, 98.3972, 108.7053



54.4845, 60.4243, 60.8678



19.9017, 21.0779, 23.2695



0.0000, 0.0000, 0.0000



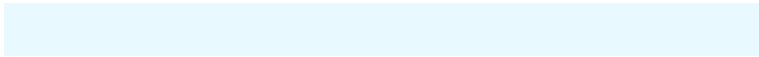
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2105, 59.5567, 68.2611



85.6597, 93.0136, 108.0464



53.5154, 56.1664, 67.6961



11.9494, 12.9891, 15.1210



15.7149, 20.0764, 40.2394



0.9309, 1.2270, 2.2673

Inverse Universe

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



56.1031, 55.9587, 65.6048



87.4312, 85.9296, 102.7621



57.0540, 60.0912, 59.0447



12.2054, 11.9669, 14.3572



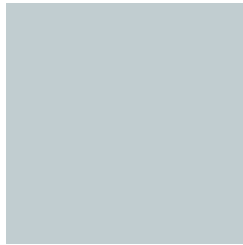
20.5629, 10.0980, 23.6680



1.1761, 0.5752, 1.4622

Previews

White Background



This preview shows how the XYZ color 55.2088, 59.5542, 68.2598 looks on a white background.

Color Contrast Check

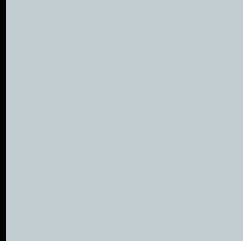
Large Text (above 18pt) WCAG AA × Fail

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 55.2088, 59.5542, 68.2598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

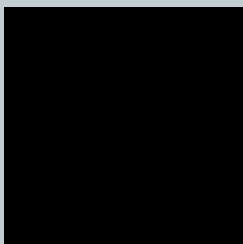
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

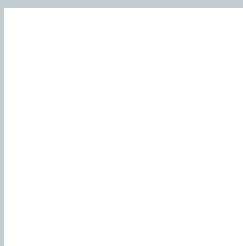
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2088, 59.5542, 68.2598

Background



This preview shows how black text looks on a background with the XYZ color 55.2088, 59.5542, 68.2598.



This preview shows how white text looks on a background with the XYZ color 55.2088, 59.5542,

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

55.2088, 59.5542, 68.2598

Protanopia

57.4379, 59.6764, 66.8839

Deuteranopia

60.5862, 59.1931, 69.2049



Tritanopia

56.6478, 59.4284, 75.5030

Trichromacy



Original Color

55.2088, 59.5542, 68.2598

Protanomaly

56.7058, 59.6344, 67.5534

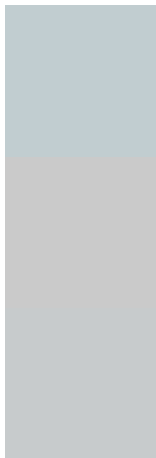
Deuteranomaly

58.5104, 59.1519, 68.6552

Tritanomaly

56.1067, 59.5614, 72.8293

Monochromacy



Original Color

55.2088, 59.5542, 68.2598

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8082, 59.2136, 65.6147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2088, 59.5542, 68.2598 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, 205, 208) looks like.

```
.text, #text, p{  
    color:rgb(193, 205, 208)  
}
```

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, 205, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 205, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.2088, 59.5542, 68.2598 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, 205, 208) }
```


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

```
.border{ border-color:rgb(193, 205, 208) }
```

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

Here you see how a box with a 4 pixel rgb(193, 205, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(193, 205,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2088, 59.5542, 68.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 205, 208) }
```

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

```
.background{ background-color: rgb(193,  
205, 208) }
```

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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