

Converting Colors

XYZ(55.5884, 57.8419, 68.6996)

Have a look what the booklet for
XYZ(55.5884, 57.8419, 68.6996)
contains.

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Color

**XYZ(55.7161, 58.0541,
68.5906)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C8D1
RGB	199, 200, 209
RGB Percent	78%, 78%, 82%
CMY	0.2196, 0.2157, 0.1804
CMYK	0.05, 0.04, 0.00, 0.18
HSL	234°, 10%, 80%
HSV	234°, 5%, 82%
XYZ	55.7161, 58.0541, 68.5906
YIQ	200.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

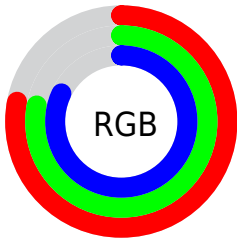
Format	Color
R _Y B	199, 200, 209
Decimal	13093073
CIE Lab	80.77, 1.35, -4.60
CIE LCh	81, 4.799, 286.337
Yxy	58.0541, 0.3055, 0.3183
Android (android.graphics.Color)	4291283153 (0xFFC7C8D1)
YUV	200.7270, 4.0786, -1.5146
Hunter-Lab	76.1932, -2.8105, -0.0387

Details

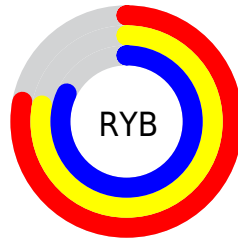
The XYZ color **55.7161, 58.0541, 68.5906** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1594, 62.7901, 63.0355**, and the grayscale version is **55.3269, 58.2082, 63.3887**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.8723, 28.9441, 35.1281** is the 20% darker color. If you saturate the color by 10%, you get **46.4569, 47.2100, 66.9864**, and if you desaturate by 10%, it is **66.2759, 70.3670, 70.4116**.

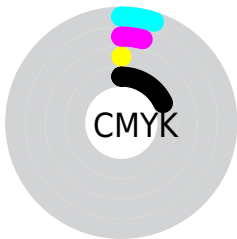
Distribution



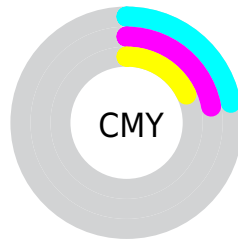
- Red (78%)
- Green (78%)
- Blue (82%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7161, 58.0541, 68.5906 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 55.7161, 58.0541, 68.5906 by changing the saturation by 10% instead.

■ 55.7161, 58.0541,
68.5906

■ 55.7161, 58.0541,
68.5906

398.7131,
417.3875, 474.2405

■ 40.2115, 41.8521,
49.9087

97.7316, 102.0016,
118.8588

■ 27.8884, 28.9855,
34.9702

124.9731,
130.5160, 151.2822

■ 18.3816, 19.0699,
23.3565

156.8577,
163.9033, 189.1232

■ 11.3256, 11.7208,
14.6492

193.7506,
202.5479, 232.8003

■ 6.3552, 6.5538,
8.4297

236.0173,
246.8343, 282.7320

■ 3.1049, 3.1847,
4.2794

284.0230,

■ 1.2095, 1.2289,

297.1467, 339.3369

1.7798

338.1332,
353.8696, 403.0336

■ 0.1139, 0.0851,
0.4146

■ 0.0000, 0.0000,
0.0000

■ 55.7161, 58.0541,
68.5906

■ 55.7161, 58.0541,
68.5906

■ 46.4569, 47.2100,
66.9864

■ 66.2759, 70.3670,
70.4116

■ 38.4431, 37.7727,
65.5872

■ 78.1786, 84.1930,
72.4529

■ 31.6229, 29.6865,
64.3858

■ 88.5088, 97.3835,
74.4545

■ 25.9389, 22.8896,
63.3735

■ 21.3290, 17.3149,
62.5404

■ 17.7251, 12.8894,
61.8762

■ 15.0514, 9.5324,
61.3691

■ 13.2208, 7.1524,
61.0062

■ 12.1295, 5.6420,
60.7722

Harmonies

Analogous

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



54.7301, 58.0541, 68.6602



55.7161, 58.0541, 68.5906



56.5678, 58.0541, 67.0518

Triad

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



55.7161, 58.0541, 68.5906



56.5040, 58.0541, 59.3471



53.3488, 58.0541, 61.9315

Complementary

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



55.7161, 58.0541, 68.5906



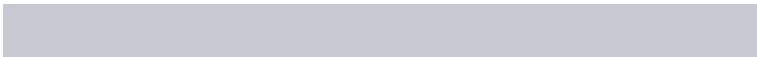
59.1594, 62.7901, 63.0355

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.



53.8125, 58.0541, 59.5198



55.7161, 58.0541, 68.5906



55.6297, 58.0541, 58.0581

Square

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



55.7161, 58.0541, 68.5906



57.0264, 58.0541, 61.6893



54.6447, 58.0541, 58.1204



53.3713, 58.0541, 64.7577

Rectangle

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



55.7161, 58.0541, 68.5906



56.9414, 58.0541, 65.4254



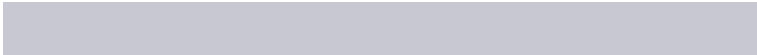
54.6447, 58.0541, 58.1204



53.4527, 58.0541, 61.0472

Sweetspot

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



55.7178, 58.0566, 68.5919



93.3905, 98.0645, 108.6139



57.7193, 62.2899, 68.5490



20.0069, 21.0102, 23.2509



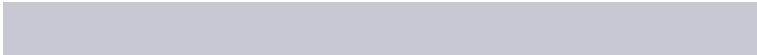
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.7178, 58.0566, 68.5919



85.4082, 88.7424, 107.2352



56.5163, 58.1245, 68.5629



11.8457, 12.2937, 14.9923



7.2945, 3.2356, 37.4326



0.4412, 0.2475, 2.1041

Inverse Universe

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



57.1446, 58.5735, 62.9404



88.2241, 89.7686, 96.0801



58.3330, 62.7283, 63.0671



12.2721, 12.4495, 13.3029



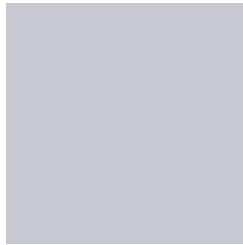
16.3126, 8.3979, 1.2866



0.9289, 0.4763, 0.1605

Previews

White Background



This preview shows how the XYZ color 55.7161, 58.0541, 68.5906 looks on a white background.

Color Contrast Check

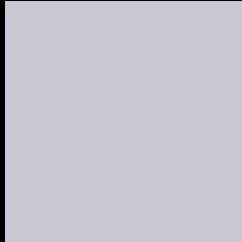
Large Text (above 18pt) WCAG AA × Fail

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 55.7161, 58.0541, 68.5906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

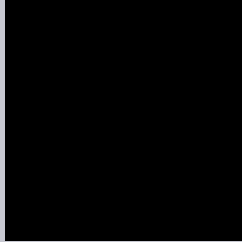
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

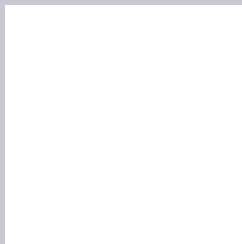
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7161, 58.0541, 68.5906

Background



This preview shows how black text looks on a background with the XYZ color 55.7161, 58.0541, 68.5906.

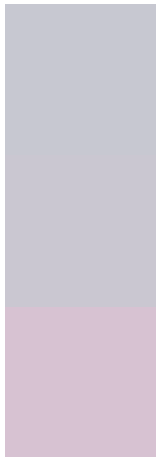


This preview shows how white text looks on a background with the XYZ color 55.7161, 58.0541,

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

55.7161, 58.0541, 68.5906

Protanopia

56.2892, 58.0069, 68.5513

Deuteranopia

58.9490, 57.6838, 68.9999



Tritanopia

56.5086, 58.0325, 72.5130

Trichromacy



Original Color

55.7161, 58.0541, 68.5906

Protanomaly

56.0194, 57.8678, 68.5387

Deuteranomaly

57.6673, 57.6883, 69.0683

Tritanomaly

56.2531, 57.9303, 71.1676

Monochromacy



Original Color

55.7161, 58.0541, 68.5906

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6051, 58.4123, 65.4707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7161, 58.0541, 68.5906 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(199, 200, 209)` looks like.

```
.text, #text, p{  
    color:rgb(199, 200, 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(199, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 200, 209) }
```

Border

The CSS property to change the border of an element to XYZ 55.7161, 58.0541, 68.5906 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(199, 200, 209) }
```


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

```
.border{ border-color:rgb(199, 200, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 200, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(199, 200,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7161, 58.0541, 68.5906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 200, 209) }
```

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

```
.background{ background-color: rgb(199,  
200, 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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