

Converting Colors

XYZ(55.5895, 58.7493, 66.2325)

Have a look what the booklet for
XYZ(55.5895, 58.7493, 66.2325)
contains.

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Color

**XYZ(55.6932, 58.7910,
66.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CACD
RGB	199, 202, 205
RGB Percent	78%, 79%, 80%
CMY	0.2196, 0.2078, 0.1961
CMYK	0.03, 0.01, 0.00, 0.20
HSL	210°, 6%, 79%
HSV	210°, 3%, 80%
XYZ	55.6932, 58.7910, 66.1701
YIQ	201.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

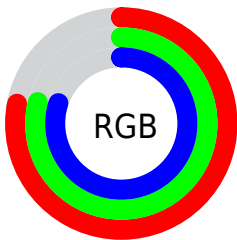
Format	Color
RYB	199, 201, 205
Decimal	13093581
CIELab	81.18, -0.46, -1.86
CIELCh	81, 1.918, 255.971
Yxy	58.7910, 0.3083, 0.3254
Android (android.graphics.Color)	4291283661 (0xFFC7CACD)
YUV	201.4450, 1.7526, -2.1443
Hunter-Lab	76.6753, -4.5280, 2.5060

Details

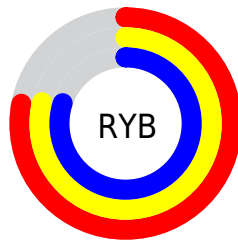
The XYZ color **55.6932, 58.7910, 66.1701** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6063, 59.3431, 62.5046**, and the grayscale version is **55.7856, 58.6908, 63.9143**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.8529, 29.4339, 33.4915** is the 20% darker color. If you saturate the color by 10%, you get **48.2933, 51.5290, 65.1593**, and if you desaturate by 10%, it is **63.9886, 66.7546, 67.2709**.

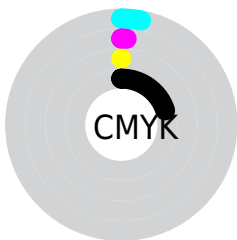
Distribution



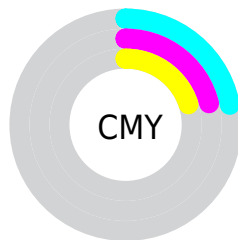
- Red (78%)
- Green (79%)
- Blue (80%)



- Red (78%)
- Yellow (79%)
- Blue (80%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6932, 58.7910, 66.1701 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 55.6932, 58.7910, 66.1701 by changing the saturation by 10% instead.

■ 55.6932, 58.7910,
66.1701

■ 55.6932, 58.7910,
66.1701

398.6281,
420.1270, 465.4058

■ 40.1930, 42.4449,
47.9531

97.6983, 103.0738,
115.3598

■ 27.8740, 29.4498,
33.4301

124.9339,
131.7794, 147.1696

■ 18.3706, 19.4214,
22.1823

156.8120,
165.3735, 184.3474

■ 11.3177, 11.9751,
13.7913

193.6981,
204.2406, 227.3118

■ 6.3498, 6.7268,
7.8386

235.9573,
248.7651, 276.4813

■ 3.1016, 3.2918,
3.9055

283.9552,

■ 1.2077, 1.2859,

299.3314, 332.2744

1.5737

338.0570,
356.3239, 395.1097

■ 0.1125, 0.1303,
0.2719

■ 0.0000, 0.0000,
0.0000

■ 55.6932, 58.7910,
66.1701

■ 55.6932, 58.7910,
66.1701

■ 48.2933, 51.5290,
65.1593

■ 63.9886, 66.7546,
67.2709

■ 41.7518, 44.9399,
64.2322

■ 73.2049, 75.4324,
68.4601

■ 36.0361, 39.0039,
63.3877

■ 81.3195, 83.7875,
69.6452

■ 31.1096, 33.6973,
62.6231

■ 84.2979, 89.7445,
70.6380

■ 26.9328, 28.9947,
61.9356

■ 87.4473, 96.0432,
71.6878

■ 23.4623, 24.8686,
61.3221

■ 88.0196, 97.1878,
71.8785

■ 20.6500, 21.2888,
60.7793

■ 18.4409, 18.2214,
60.3037

■ 16.7692, 15.6265,
59.8909

Harmonies

Analogous

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



55.3472, 58.7910, 65.6071



55.6932, 58.7910, 66.1701



56.0906, 58.7910, 66.1504

Triad

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



55.6932, 58.7910, 66.1701



56.6204, 58.7910, 63.4104



55.3290, 58.7910, 62.4975

Complementary

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



55.6932, 58.7910, 66.1701



56.6063, 59.3431, 62.5046

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.



55.6681, 58.7910, 61.9229



55.6932, 58.7910, 66.1701



56.4143, 58.7910, 62.4457

Square

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



55.6932, 58.7910, 66.1701



56.6271, 58.7910, 64.5478



56.0654, 58.7910, 61.9041



55.1376, 58.7910, 63.4819

Rectangle

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



55.6932, 58.7910, 66.1701



56.3312, 58.7910, 65.8092



56.0654, 58.7910, 61.9041



55.4294, 58.7910, 62.2506

Sweetspot

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



55.6949, 58.7935, 66.1714



93.7131, 98.7097, 108.7214



56.0343, 60.0653, 64.4564



20.0726, 21.1416, 23.2727



0.0000, 0.0000, 0.0000



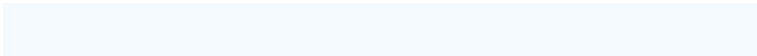
20.3446, 21.4041, 23.3091

Same Dimension

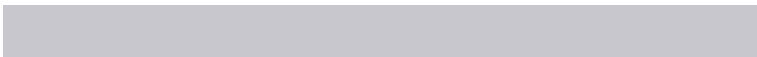
The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.6949, 58.7935, 66.1714



89.7928, 94.9092, 108.1945



55.0200, 57.4437, 65.9464



11.8223, 12.5049, 14.3610



9.9508, 8.9257, 37.1546



0.5893, 0.6123, 1.9421

Inverse Universe

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



56.2623, 58.0914, 64.1276



91.0725, 93.3401, 103.5814



57.2940, 60.7185, 62.7339



12.0188, 12.2652, 13.6522



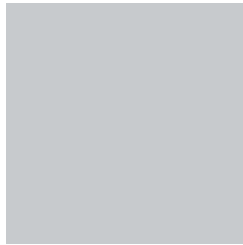
17.2336, 8.7040, 8.9489



0.9274, 0.4644, 0.6634

Previews

White Background



This preview shows how the XYZ color 55.6932, 58.7910, 66.1701 looks on a white background.

Color Contrast Check

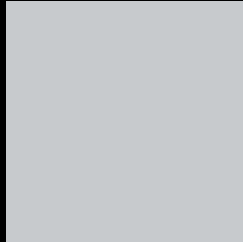
Large Text (above 18pt) WCAG AA × Fail

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 55.6932, 58.7910, 66.1701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

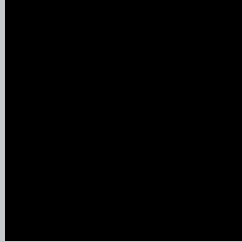
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

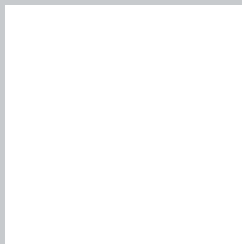
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6932, 58.7910, 66.1701

Background



This preview shows how black text looks on a background with the XYZ color 55.6932, 58.7910, 66.1701.

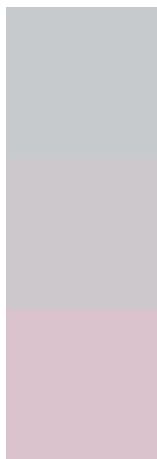


This preview shows how white text looks on a background with the XYZ color 55.6932, 58.7910,

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

55.6932, 58.7910, 66.1701

Protanopia

56.4552, 58.5056, 65.4439

Deuteranopia

59.8691, 58.5465, 66.5377



Tritanopia

57.1363, 58.6839, 73.2815

Trichromacy



Original Color

55.6932, 58.7910, 66.1701

Protanomaly

56.1428, 58.6895, 65.4959

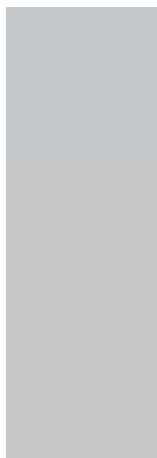
Deuteranomaly

58.4860, 58.8414, 66.6675

Tritanomaly

56.5897, 58.8061, 70.6555

Monochromacy



Original Color

55.6932, 58.7910, 66.1701

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3667, 58.3169, 64.2153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6932, 58.7910, 66.1701 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, 202, 205) looks like.

```
.text, #text, p{  
    color:rgb(199, 202, 205)  
}
```

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, 202, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 202, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.6932, 58.7910, 66.1701 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, 202, 205) }
```


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

```
.border{ border-color:rgb(199, 202, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 202, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 202, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 202, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 202,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6932, 58.7910, 66.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 202, 205) }
```

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

```
.background{ background-color: rgb(199,  
202, 205) }
```

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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