

Converting Colors

XYZ(55.8251, 57.9336, 65.9739)

Have a look what the booklet for
XYZ(55.8251, 57.9336, 65.9739)
contains.

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Color

**XYZ(55.8000, 57.8112,
65.9753)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CAC7CD |
| RGB | 202, 199, 205 |
| RGB Percent | 79%, 78%, 80% |
| CMY | 0.2078, 0.2196, 0.1961 |
| CMYK | 0.01, 0.03, 0.00, 0.20 |
| HSL | 270°, 6%, 79% |
| HSV | 270°, 3%, 80% |
| XYZ | 55.8000, 57.8112, 65.9753 |
| YIQ | 200.5810, -0.1380, 2.5020 |

Conversions

Conversions Part 2

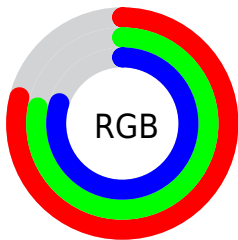
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 202, 199, 205 |
| Decimal | 13289421 |
| CIE Lab | 80.63, 2.14, -2.63 |
| CIE LCh | 81, 3.392, 309.160 |
| Yxy | 57.8112, 0.3107, 0.3219 |
| Android (android.graphics.Color) | 4291479501 (0xFFCAC7CD) |
| YUV | 200.5810, 2.1786, 1.2445 |
| Hunter-Lab | 76.0337, -2.0604, 1.7770 |

Details

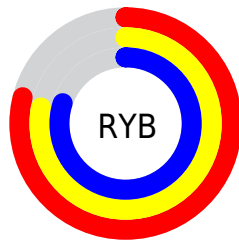
The XYZ color **55.8000, 57.8112, 65.9753** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4994, 60.3443, 62.7056**, and the grayscale version is **55.2465, 58.1236, 63.2966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.9241, 28.7811, 33.3617** is the 20% darker color. If you saturate the color by 10%, you get **48.7145, 47.6231, 64.3831**, and if you desaturate by 10%, it is **63.7087, 69.3701, 67.7904**.

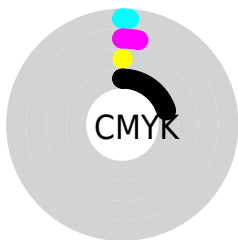
Distribution



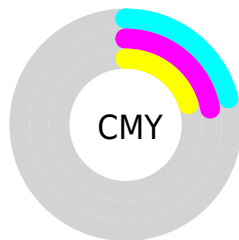
- Red (79%)
- Green (78%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8000, 57.8112, 65.9753 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 55.8000, 57.8112, 65.9753 by changing the saturation by 10% instead.

■ 55.8000, 57.8112,
65.9753

■ 55.8000, 57.8112,
65.9753

399.0246,
416.4821, 464.6903

■ 40.2790, 41.6569,
47.7960

97.8536, 101.6479,
115.0775

■ 27.9413, 28.8327,
33.3065

125.1169,
130.0990, 146.8376

■ 18.4216, 18.9543,
22.0883

157.0250,
163.4179, 183.9616

■ 11.3546, 11.6373,
13.7229

193.9432,
201.9889, 226.8681

■ 6.3749, 6.4972,
7.7916

236.2369,
246.1964, 275.9757

■ 3.1172, 3.1497,
3.8761

284.2715,

■ 1.2160, 1.2104,

296.4249, 331.7029

1.5576

338.4122,
353.0586, 394.4683

■ 0.1190, 0.0702,
0.2603

■ 0.0000, 0.0000,
0.0000

■ 55.8000, 57.8112,
65.9753

■ 55.8000, 57.8112,
65.9753

■ 48.7145, 47.6231,
64.3831

■ 63.7087, 69.3701,
67.7904

■ 42.4184, 38.7462,
63.0015

■ 72.4628, 82.3418,
69.8328

■ 36.8828, 31.1271,
61.8227

■ 80.3085, 93.2126,
71.5176

■ 32.0749, 24.7062,
60.8367

■ 83.7503, 94.9869,
71.6787

■ 27.9597, 19.4187,
60.0330

■ 87.3898, 96.8632,
71.8490

■ 24.4983, 15.1933,
59.3999

■ 88.0196, 97.1878,
71.8785

■ 21.6481, 11.9508,
58.9242

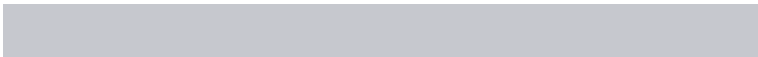
■ 19.3602, 9.6000,
58.5911

■ 17.5765, 8.0314,
58.3823

Harmonies

Analogous

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



55.1618, 57.8112, 66.8194



55.8000, 57.8112, 65.9753



56.2121, 57.8112, 64.3244

Triad

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



55.8000, 57.8112, 65.9753



55.4268, 57.8112, 59.4210



53.6330, 57.8112, 63.5606

Complementary

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



55.8000, 57.8112, 65.9753



56.4994, 60.3443, 62.7056

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.



53.7026, 57.8112, 61.5885



55.8000, 57.8112, 65.9753



54.7344, 57.8112, 59.2263

Square

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



55.8000, 57.8112, 65.9753



55.9954, 57.8112, 60.5496



54.1043, 57.8112, 60.0120



53.9133, 57.8112, 65.4060

Rectangle

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



55.8000, 57.8112, 65.9753



56.3012, 57.8112, 63.0030



54.1043, 57.8112, 60.0120



53.6163, 57.8112, 62.8902

Sweetspot

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



55.8017, 57.8137, 65.9766



93.7741, 98.1426, 108.6087



55.7188, 58.8401, 66.1790



20.0850, 21.0261, 23.2498



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.



55.8017, 57.8137, 65.9766



90.0294, 92.7089, 107.7573



56.5938, 58.2220, 66.0136



11.8585, 12.1682, 14.2941



10.4122, 4.5752, 36.2906



0.6247, 0.2812, 1.8763

Inverse Universe

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



56.2630, 58.0929, 64.1278



91.0720, 93.3399, 103.5790



55.7220, 59.9435, 62.6692



12.0187, 12.2652, 13.6518



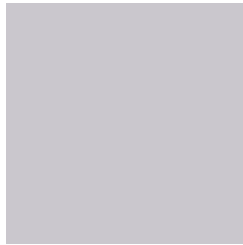
17.2318, 8.7033, 8.9394



0.9273, 0.4643, 0.6629

Previews

White Background



This preview shows how the XYZ color 55.8000, 57.8112, 65.9753 looks on a white background.

Color Contrast Check

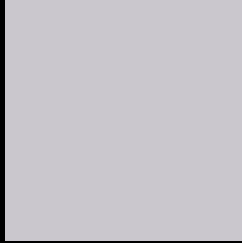
Large Text (above 18pt) WCAG AA × Fail

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 55.8000, 57.8112, 65.9753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

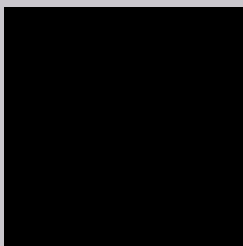
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

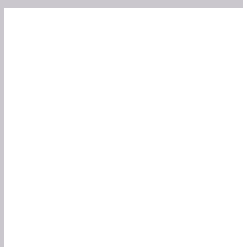
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8000, 57.8112, 65.9753

Background



This preview shows how black text looks on a background with the XYZ color 55.8000, 57.8112, 65.9753.

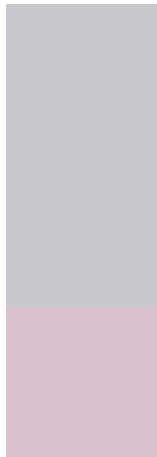


This preview shows how white text looks on a background with the XYZ color 55.8000, 57.8112,

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

55.8000, 57.8112, 65.9753

Protanopia

55.8000, 57.8112, 65.9753

Deuteranopia

59.0476, 57.7915, 66.4353



Tritanopia

56.8329, 57.8888, 71.1290

Trichromacy



Original Color

55.8000, 57.8112, 65.9753

Protanomaly

55.8000, 57.8112, 65.9753

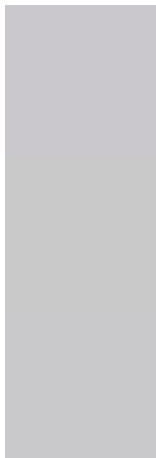
Deuteranomaly

58.0319, 57.9331, 66.5161

Tritanomaly

56.4555, 57.7378, 69.1418

Monochromacy



Original Color

55.8000, 57.8112, 65.9753

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4023, 57.9903, 64.1504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8000, 57.8112, 65.9753 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(202, 199, 205)` looks like.

```
.text, #text, p{  
    color:rgb(202, 199, 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(202, 199, 205) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 55.8000, 57.8112, 65.9753 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(202, 199, 205) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 55.8000, 57.8112, 65.9753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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