

Converting Colors

XYZ(55.7357, 57.0076, 69.7061)

Have a look what the booklet for
XYZ(55.7357, 57.0076, 69.7061)
contains.

| | |
|--|----|
| XYZ(55.8115, 57.0532, 69.6988) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(55.8115, 57.0532,
69.6988)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C9C5D3 |
| RGB | 201, 197, 211 |
| RGB Percent | 79%, 77%, 83% |
| CMY | 0.2118, 0.2274, 0.1725 |
| CMYK | 0.05, 0.07, 0.00, 0.17 |
| HSL | 257°, 14%, 80% |
| HSV | 257°, 7%, 83% |
| XYZ | 55.8115, 57.0532, 69.6988 |
| YIQ | 199.7920, -2.1100, 5.2020 |

Conversions

Conversions Part 2

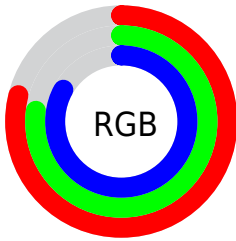
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 201, 197, 211 |
| Decimal | 13223379 |
| CIE _{Lab} | 80.21, 4.00, -6.49 |
| CIE _{LCh} | 80, 7.621, 301.653 |
| Yxy | 57.0532, 0.3057, 0.3125 |
| Android (android.graphics.Color) | 4291413459 (0xFFC9C5D3) |
| YUV | 199.7920, 5.5255, 1.0594 |
| Hunter-Lab | 75.5336, -0.2907, -1.8365 |

Details

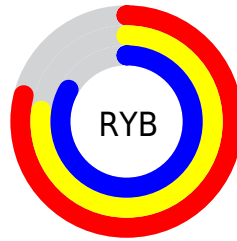
The XYZ color **55.8115, 57.0532, 69.6988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1067, 63.8867, 62.0424**, and the grayscale version is **54.7412, 57.5920, 62.7177**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **27.9409, 28.2823, 35.8847** is the 20% darker color. If you saturate the color by 10%, you get **47.4965, 46.1464, 68.0327**, and if you desaturate by 10%, it is **65.1982, 69.5111, 71.6096**.

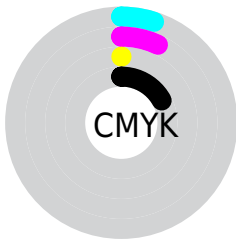
Distribution



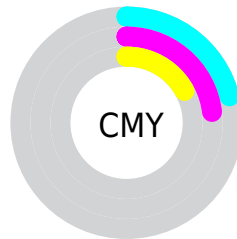
- Red (79%)
- Green (77%)
- Blue (83%)



- Red (79%)
- Yellow (77%)
- Blue (83%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8115, 57.0532, 69.6988 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 55.8115, 57.0532, 69.6988 by changing the saturation by 10% instead.

■ 55.8115, 57.0532,
69.6988

■ 55.8115, 57.0532,
69.6988

399.0673,
413.6486, 478.2523

■ 40.2882, 41.0480,
50.8057

97.8703, 100.5428,
120.4562

■ 27.9485, 28.3566,
35.6784

125.1366,
128.7960, 153.1576

■ 18.4271, 18.5946,
23.8982

157.0479,
161.9005, 191.2989

■ 11.3586, 11.3777,
15.0466

193.9696,
200.2409, 235.2986

■ 6.3777, 6.3215,
8.7051

236.2670,
244.2016, 285.5752

■ 3.1189, 3.0415,
4.4552

284.3055,

■ 1.2169, 1.1535,

294.1668, 342.5474

1.8782

338.4505,
350.5210, 406.6335

■ 0.1197, 0.0232,
0.4788

■ 0.0000, 0.0000,
0.0000

■ 55.8115, 57.0532,
69.6988

■ 55.8115, 57.0532,
69.6988

■ 47.4965, 46.1464,
68.0327

■ 65.1982, 69.5111,
71.6096

■ 40.2090, 36.7221,
66.5977

■ 75.6887, 83.5706,
73.7704

■ 33.9093, 28.7174,
65.3847

■ 85.6038, 95.8571,
75.6194

■ 28.5527, 22.0619,
64.3824

■ 88.7580, 97.4832,
75.7670

■ 24.0914, 16.6791,
63.5785

■ 20.4726, 12.4846,
62.9596

■ 17.6379, 9.3837,
62.5105

■ 15.5202, 7.2663,
62.2134

■ 14.0366, 5.9923,
62.0457

Harmonies

Analogous

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



54.3136, 57.0532, 71.0793



55.8115, 57.0532, 69.6988



56.9014, 57.0532, 66.2761

Triad

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



55.8115, 57.0532, 69.6988



55.6594, 57.0532, 54.8861



51.2934, 57.0532, 62.3686

Complementary

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



55.8115, 57.0532, 69.6988



59.1067, 63.8867, 62.0424

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.



51.6384, 57.0532, 58.1437



55.8115, 57.0532, 69.6988



54.1412, 57.0532, 53.9493

Square

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



55.8115, 57.0532, 69.6988



56.8124, 57.0532, 57.7353



52.6735, 57.0532, 55.1138



51.7219, 57.0532, 66.7238

Rectangle

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



55.8115, 57.0532, 69.6988



57.2396, 57.0532, 63.3725



52.6735, 57.0532, 55.1138



51.3227, 57.0532, 60.8865

Sweetspot

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



55.8132, 57.0556, 69.7001



92.1167, 96.1045, 108.3027



57.1067, 61.2171, 70.4351



19.7475, 20.6111, 23.1875



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.



55.8132, 57.0556, 69.7001



83.7236, 85.0076, 106.6031



57.7290, 58.0433, 69.7897



11.4762, 11.5788, 14.8737



8.3174, 3.4681, 37.4235



0.5435, 0.2344, 2.0962

Inverse Universe

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



58.0948, 58.2890, 67.2235



87.9601, 87.2983, 101.9800



57.2026, 62.9051, 61.9533



12.1609, 11.9491, 14.1229



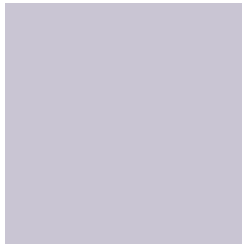
19.6174, 9.7198, 18.6892



1.1301, 0.5568, 1.2201

Previews

White Background



This preview shows how the XYZ color 55.8115, 57.0532, 69.6988 looks on a white background.

Color Contrast Check

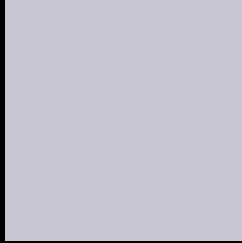
Large Text (above 18pt) WCAG AA × Fail

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 55.8115, 57.0532, 69.6988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

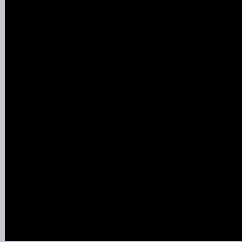
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8115, 57.0532, 69.6988

Background



This preview shows how black text looks on a background with the XYZ color 55.8115, 57.0532, 69.6988.

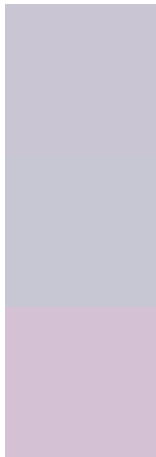


This preview shows how white text looks on a background with the XYZ color 55.8115, 57.0532,

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

55.8115, 57.0532, 69.6988

Protanopia

55.5051, 57.2334, 69.7497

Deuteranopia

58.1050, 56.8904, 70.2058



Tritanopia

55.9373, 57.1035, 70.3612

Trichromacy



Original Color

55.8115, 57.0532, 69.6988

Protanomaly

55.7714, 57.3707, 69.7622

Deuteranomaly

57.1879, 56.7469, 70.2265

Tritanomaly

55.9373, 57.1035, 70.3612

Monochromacy



Original Color

55.8115, 57.0532, 69.6988

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1419, 57.4858, 65.3163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8115, 57.0532, 69.6988 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(201, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 211)  
}
```

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(201, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 211) }
```

Border

The CSS property to change the border of an element to XYZ 55.8115, 57.0532, 69.6988 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(201, 197, 211) }
```


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

```
.border{ border-color:rgb(201, 197, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 211);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8115, 57.0532, 69.6988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 211) }
```

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

```
.background{ background-color: rgb(201,  
197, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor