

Converting Colors

XYZ(56.9061, 57.3554, 70.1915)

Have a look what the booklet for
XYZ(56.9061, 57.3554, 70.1915)
contains.

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Color

**XYZ(56.8004, 57.2125,
70.3368)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CDC4D4 |
| RGB | 205, 196, 212 |
| RGB Percent | 80%, 77%, 83% |
| CMY | 0.1961, 0.2314, 0.1686 |
| CMYK | 0.03, 0.08, 0.00, 0.17 |
| HSL | 274°, 16%, 80% |
| HSV | 274°, 8%, 83% |
| XYZ | 56.8004, 57.2125, 70.3368 |
| YIQ | 200.5150, 0.2280, 6.8840 |

Conversions

Conversions Part 2

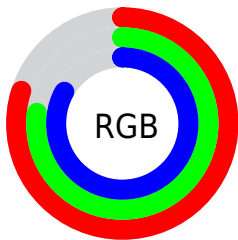
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 205, 196, 212 |
| Decimal | 13485268 |
| CIE Lab | 80.30, 6.07, -6.86 |
| CIE LCh | 80, 9.160, 311.524 |
| Yxy | 57.2125, 0.3081, 0.3103 |
| Android (android.graphics.Color) | 4291675348 (0xFFCDC4D4) |
| YUV | 200.5150, 5.6621, 3.9333 |
| Hunter-Lab | 75.6389, 1.6749, -2.1866 |

Details

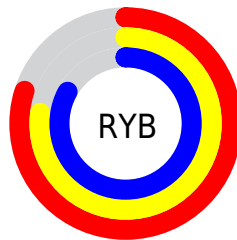
The XYZ color **56.8004, 57.2125, 70.3368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1382, 63.7706, 61.4723**, and the grayscale version is **55.1848, 58.0587, 63.2259**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **28.5213, 28.3596, 35.8690** is the 20% darker color. If you saturate the color by 10%, you get **49.8691, 47.0363, 68.7388**, and if you desaturate by 10%, it is **64.5625, 68.8231, 72.1696**.

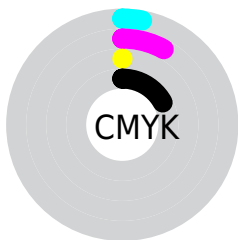
Distribution



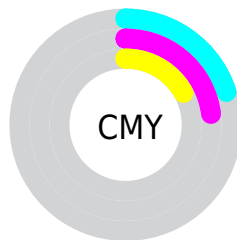
- Red (80%)
- Green (77%)
- Blue (83%)



- Red (80%)
- Yellow (77%)
- Blue (83%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8004, 57.2125, 70.3368 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 56.8004, 57.2125, 70.3368 by changing the saturation by 10% instead.

■ 56.8004, 57.2125,
70.3368

■ 56.8004, 57.2125,
70.3368

402.7272,
414.2451, 480.5527

■ 41.0845, 41.1759,
51.3227

99.3069, 100.7752,
121.3745

■ 28.5731, 28.4565,
36.0869

126.8283,
129.0700, 154.2352

■ 18.9008, 18.6701,
24.2111

159.0155,
162.2198, 192.5485

■ 11.7022, 11.4321,
15.2767

196.2340,
200.6087, 236.7329

■ 6.6120, 6.3583,
8.8650

238.8490,
244.6214, 287.2070

■ 3.2648, 3.0641,
4.5576

287.2260,

■ 1.2953, 1.1653,

294.6420, 344.3893

1.9360

341.7303,
351.0551, 408.6984

■ 0.1797, 0.0331,
0.5155

■ 0.0000, 0.0000,
0.0000

■ 56.8004, 57.2125,
70.3368

■ 56.8004, 57.2125,
70.3368

■ 49.8691, 47.0363,
68.7388

■ 64.5625, 68.8231,
72.1696

■ 43.7327, 38.2296,
67.3623

■ 73.1795, 81.9153,
74.2425

■ 38.3601, 30.7330,
66.1985

■ 81.1937, 93.5691,
76.0695

■ 33.7161, 24.4801,
65.2363

■ 84.2997, 95.1703,
76.2149

■ 29.7622, 19.3982,
64.4638

■ 87.5673, 96.8549,
76.3678

■ 26.4560, 15.4071,
63.8677

■ 88.8838, 97.5335,
76.4294

■ 23.7500, 12.4159,
63.4330

■ 21.5887, 10.3183,
63.1420

■ 19.8965, 8.9681,
62.9706

Harmonies

Analogous

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



55.1011, 57.2125, 72.9528



56.8004, 57.2125, 70.3368



57.8652, 57.2125, 65.6195

Triad

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



56.8004, 57.2125, 70.3368



55.5276, 57.2125, 53.0188



50.9271, 57.2125, 64.3772

Complementary

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



56.8004, 57.2125, 70.3368



58.1382, 63.7706, 61.4723

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.



51.0353, 57.2125, 59.0842



56.8004, 57.2125, 70.3368



53.6627, 57.2125, 52.7287

Square

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



56.8004, 57.2125, 70.3368



57.1188, 57.2125, 55.7067



52.0270, 57.2125, 54.8902



51.7278, 57.2125, 69.3826

Rectangle

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



56.8004, 57.2125, 70.3368



58.0574, 57.2125, 62.0209



52.0270, 57.2125, 54.8902



50.8589, 57.2125, 62.5693

Sweetspot

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



56.8021, 57.2149, 70.3381



92.6282, 96.3682, 108.3266



56.0541, 59.2979, 70.7795



19.8517, 20.6648, 23.1924



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.



56.8021, 57.2149, 70.3381



84.5619, 84.3661, 106.4351



58.6760, 58.1926, 69.9003



12.4041, 12.3497, 15.6675



12.1692, 5.4260, 38.8591



0.8283, 0.3759, 2.3482

Inverse Universe

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



57.6729, 57.7914, 64.6183



86.1517, 85.4178, 96.0243



56.3658, 62.8463, 61.8659



12.6467, 12.5102, 14.0798



18.0239, 9.1459, 7.4299



1.1283, 0.5681, 0.6649

Previews

White Background



This preview shows how the XYZ color 56.8004, 57.2125, 70.3368 looks on a white background.

Color Contrast Check

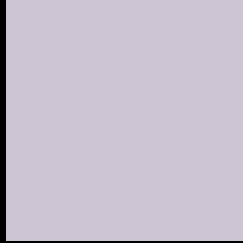
Large Text (above 18pt) WCAG AA × Fail

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 56.8004, 57.2125, 70.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

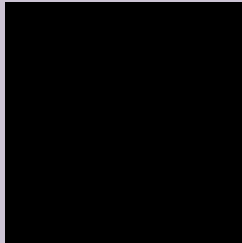
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8004, 57.2125, 70.3368

Background



This preview shows how black text looks on a background with the XYZ color 56.8004, 57.2125, 70.3368.

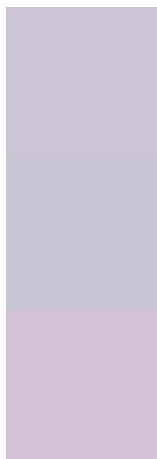


This preview shows how white text looks on a background with the XYZ color 56.8004, 57.2125,

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

56.8004, 57.2125, 70.3368

Protanopia

55.7575, 57.3344, 71.0787

Deuteranopia

58.2316, 56.9411, 70.8724



Tritanopia

56.8004, 57.2125, 70.3368

Trichromacy



Original Color

56.8004, 57.2125, 70.3368

Protanomaly

56.0639, 57.1541, 71.0278

Deuteranomaly

57.5965, 56.9430, 70.9062

Tritanomaly

56.8004, 57.2125, 70.3368

Monochromacy



Original Color

56.8004, 57.2125, 70.3368

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.8000, 57.8112, 65.9753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8004, 57.2125, 70.3368 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(205, 196, 212)` looks like.

```
.text, #text, p{  
    color:rgb(205, 196, 212)  
}
```

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(205, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 196, 212) }
```

Border

The CSS property to change the border of an element to XYZ 56.8004, 57.2125, 70.3368 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(205, 196, 212) }
```


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

```
.border{ border-color:rgb(205, 196, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 196, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 196, 212);  
box-shadow:4px 4px 4px 4px rgb(205, 196,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8004, 57.2125, 70.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 196, 212) }
```

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

```
.background{ background-color: rgb(205,  
196, 212) }
```

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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