

Converting Colors

XYZ(54.9349, 57.1105, 70.5907)

Have a look what the booklet for
XYZ(54.9349, 57.1105, 70.5907)
contains.

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Color

**XYZ(55.0720, 57.3361,
70.4517)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C4C7D4 |
| RGB | 196, 199, 212 |
| RGB Percent | 77%, 78%, 83% |
| CMY | 0.2314, 0.2196, 0.1686 |
| CMYK | 0.08, 0.06, 0.00, 0.17 |
| HSL | 229°, 16%, 80% |
| HSV | 229°, 8%, 83% |
| XYZ | 55.0720, 57.3361, 70.4517 |
| YIQ | 199.5850, -5.9610, 3.4070 |

Conversions

Conversions Part 2

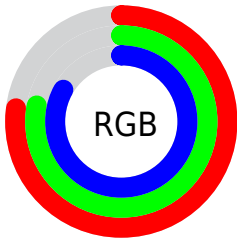
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 196, 199, 212 |
| Decimal | 12896212 |
| CIE Lab | 80.37, 1.46, -6.83 |
| CIE LCh | 80, 6.986, 282.044 |
| Yxy | 57.3361, 0.3012, 0.3136 |
| Android (android.graphics.Color) | 4291086292 (0xFFC4C7D4) |
| YUV | 199.5850, 6.1206, -3.1440 |
| Hunter-Lab | 75.7206, -2.6871, -2.1600 |

Details

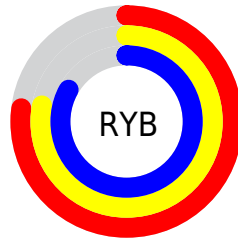
The XYZ color **55.0720, 57.3361, 70.4517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9157, 63.5828, 61.3402**, and the grayscale version is **54.6122, 57.4563, 62.5699**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **27.3665, 28.4359, 35.9446** is the 20% darker color. If you saturate the color by 10%, you get **46.2022, 47.2120, 68.9659**, and if you desaturate by 10%, it is **65.1727, 68.7635, 72.1259**.

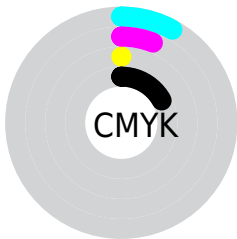
Distribution



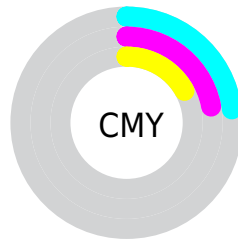
- Red (77%)
- Green (78%)
- Blue (83%)



- Red (77%)
- Yellow (78%)
- Blue (83%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0720, 57.3361, 70.4517 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 55.0720, 57.3361, 70.4517 by changing the saturation by 10% instead.

■ 55.0720, 57.3361,
70.4517

■ 55.0720, 57.3361,
70.4517

396.3168,
414.7075, 480.9663

■ 39.6934, 41.2751,
51.4158

96.7941, 100.9554,
121.5398

■ 27.4828, 28.5341,
36.1606

123.8684,
129.2826, 154.4291

■ 18.0746, 18.7287,
24.2676

155.5720,
162.4673, 192.7733

■ 11.1036, 11.4744,
15.3182

192.2703,
200.8939, 236.9909

■ 6.2043, 6.3869,
8.8939

234.3285,
244.9469, 287.5005

■ 3.0116, 3.0817,
4.5762

282.1121,

■ 1.1599, 1.1745,

295.0105, 344.7205

1.9465

335.9864,
351.4693, 409.0696

■ 0.0743, 0.0408,
0.5221

■ 0.0000, 0.0000,
0.0000

■ 55.0720, 57.3361,
70.4517

■ 55.0720, 57.3361,
70.4517

■ 46.2022, 47.2120,
68.9659

■ 65.1727, 68.7635,
72.1259

■ 38.5110, 38.3375,
67.6583

■ 76.5441, 81.5310,
73.9910

■ 31.9495, 30.6656,
66.5234

■ 87.5170, 94.7999,
75.9738

■ 26.4636, 24.1438,
65.5537

■ 88.8838, 97.5335,
76.4294

■ 21.9945, 18.7155,
64.7414

■ 18.4777, 14.3190,
64.0782

■ 15.8412, 10.8866,
63.5546

■ 14.0017, 8.3415,
63.1603

■ 12.8503, 6.5898,
62.8829

Harmonies

Analogous

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



53.6530, 57.3361, 70.2241



55.0720, 57.3361, 70.4517



56.3585, 57.3361, 68.4618

Triad

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



55.0720, 57.3361, 70.4517



56.5638, 57.3361, 57.3027



51.9222, 57.3361, 60.0329

Complementary

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



55.0720, 57.3361, 70.4517



59.9157, 63.5828, 61.3402

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.



52.6755, 57.3361, 56.7619



55.0720, 57.3361, 70.4517



55.3483, 57.3361, 55.2337

Square

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



55.0720, 57.3361, 70.4517



57.2298, 57.3361, 60.8005



53.9245, 57.3361, 55.0402



51.8511, 57.3361, 64.0869

Rectangle

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



55.0720, 57.3361, 70.4517



56.9613, 57.3361, 66.1942



53.9245, 57.3361, 55.0402



52.1034, 57.3361, 58.8099

Sweetspot

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



55.0737, 57.3385, 70.4530



91.8911, 96.4308, 108.3776



57.7932, 63.4172, 69.3874



19.7016, 20.6776, 23.2027



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.



55.0737, 57.3385, 70.4530



81.4436, 84.5814, 106.6410



55.6581, 56.6240, 70.2843



11.9294, 12.3821, 15.6988



7.8548, 3.9714, 38.8057



0.5308, 0.3536, 2.3596

Inverse Universe

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



57.2014, 57.6015, 62.1391



85.3031, 85.0783, 91.5556



59.2962, 64.3676, 61.5244



12.5175, 12.4585, 13.3996



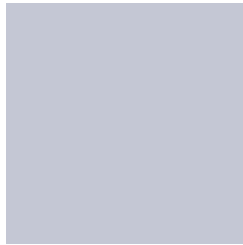
17.0236, 8.7458, 2.1623



1.0556, 0.5390, 0.2821

Previews

White Background



This preview shows how the XYZ color 55.0720, 57.3361, 70.4517 looks on a white background.

Color Contrast Check

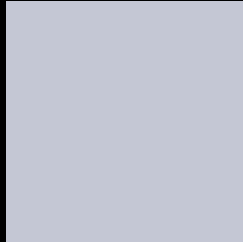
Large Text (above 18pt) WCAG AA × Fail

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 55.0720, 57.3361, 70.4517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

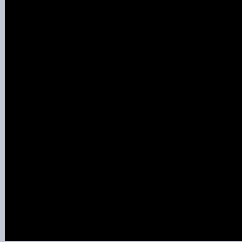
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

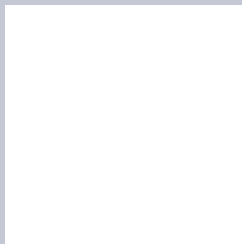
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0720, 57.3361, 70.4517

Background



This preview shows how black text looks on a background with the XYZ color 55.0720, 57.3361, 70.4517.

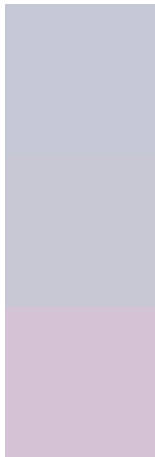


This preview shows how white text looks on a background with the XYZ color 55.0720, 57.3361,

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

55.0720, 57.3361, 70.4517

Protanopia

55.5051, 57.2334, 69.7497

Deuteranopia

58.4534, 57.3847, 70.9463



Tritanopia

55.3260, 57.4376, 71.7889

Trichromacy



Original Color

55.0720, 57.3361, 70.4517

Protanomaly

55.2407, 57.0971, 69.7374

Deuteranomaly

57.2038, 57.4058, 71.0162

Tritanomaly

55.1986, 57.3867, 71.1183

Monochromacy



Original Color

55.0720, 57.3361, 70.4517

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1065, 57.8103, 65.3808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0720, 57.3361, 70.4517 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(196, 199, 212)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 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(196, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.0720, 57.3361, 70.4517 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(196, 199, 212) }
```


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

```
.border{ border-color:rgb(196, 199, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 199, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 199, 212); box-shadow:4px 4px 4px 4px rgb(196, 199, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0720, 57.3361, 70.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 212) }
```

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

```
.background{ background-color: rgb(196,  
199, 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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