

Converting Colors

XYZ(54.8598, 55.5295, 71.0246)

Have a look what the booklet for
XYZ(54.8598, 55.5295, 71.0246)
contains.

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Color

**XYZ(54.8552, 55.5298,
70.7779)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C2D5
RGB	199, 194, 213
RGB Percent	78%, 76%, 84%
CMY	0.2196, 0.2392, 0.1647
CMYK	0.07, 0.09, 0.00, 0.16
HSL	256°, 18%, 80%
HSV	256°, 9%, 84%
XYZ	54.8552, 55.5298, 70.7779
YIQ	197.6610, -3.1190, 6.9690

Conversions

Conversions Part 2

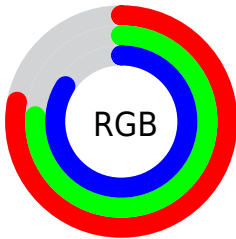
Format	Color
R _Y B	199, 194, 213
Decimal	13091541
CIE Lab	79.35, 5.32, -8.86
CIE LCh	79, 10.336, 300.970
Yxy	55.5298, 0.3028, 0.3065
Android (android.graphics.Color)	4291281621 (0xFFC7C2D5)
YUV	197.6610, 7.5621, 1.1743
Hunter-Lab	74.5183, 0.9922, -4.1511

Details

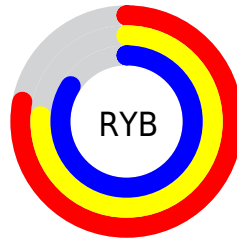
The XYZ color **54.8552, 55.5298, 70.7779** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5463, 64.8949, 60.4292**, and the grayscale version is **53.4291, 56.2116, 61.2144**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **27.2267, 27.2445, 36.1715** is the 20% darker color. If you saturate the color by 10%, you get **46.4983, 44.6828, 69.1255**, and if you desaturate by 10%, it is **64.3245, 67.9620, 72.6793**.

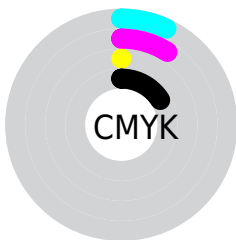
Distribution



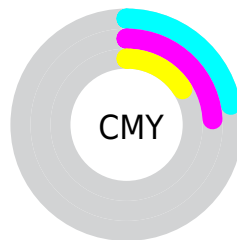
- Red (78%)
- Green (76%)
- Blue (84%)



- Red (78%)
- Yellow (76%)
- Blue (84%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8552, 55.5298, 70.7779 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 54.8552, 55.5298, 70.7779 by changing the saturation by 10% instead.

■ 54.8552, 55.5298,
70.7779

■ 54.8552, 55.5298,
70.7779

395.5082,
407.9171, 482.1394

■ 39.5192, 39.8261,
51.6802

■ 96.4783, 98.3168,
122.0089

■ 27.3464, 27.4030,
36.3698

123.4962,
126.1688, 154.9794

■ 17.9715, 17.8761,
24.4280

155.1386,
158.8390, 193.4112

■ 11.0291, 10.8611,
15.4363

191.7711,
196.7118, 237.7229

■ 6.1538, 5.9735,
8.9761

233.7589,
240.1717, 288.3330

■ 2.9804, 2.8290,
4.6290

281.4675,

■ 1.1434, 1.0431,

289.6029, 345.6601

1.9764

335.2621,
345.3899, 410.1227

■ 0.0610, 0.0000,
0.5407

■ 0.0000, 0.0000,
0.0000

■ 54.8552, 55.5298,
70.7779

■ 54.8552, 55.5298,
70.7779

■ 46.4983, 44.6828,
69.1255

■ 64.3245, 67.9620,
72.6793

■ 39.2071, 35.3495,
67.7083

■ 74.9408, 82.0326,
74.8357

■ 32.9389, 27.4639,
66.5166

■ 85.8093, 95.9339,
76.9461

■ 27.6460, 20.9517,
65.5386

■ 89.0104, 97.5842,
77.0959

■ 23.2769, 15.7325,
64.7614

■ 19.7748, 11.7167,
64.1709

■ 17.0765, 8.8034,
63.7508

■ 15.1087, 6.8743,
63.4822

■ 13.7644, 5.7455,
63.3351

Harmonies

Analogous

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



52.8468, 55.5298, 72.5973



54.8552, 55.5298, 70.7779



56.3384, 55.5298, 66.1674

Triad

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



54.8552, 55.5298, 70.7779



54.7355, 55.5298, 51.0289



48.8971, 55.5298, 60.6557

Complementary

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



54.8552, 55.5298, 70.7779



59.5463, 64.8949, 60.4292

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.



49.3736, 55.5298, 55.0953



54.8552, 55.5298, 70.7779



52.7120, 55.5298, 49.7614

Square

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



54.8552, 55.5298, 70.7779



56.2680, 55.5298, 54.7817



50.7567, 55.5298, 51.2015



49.4381, 55.5298, 66.5231

Rectangle

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



54.8552, 55.5298, 70.7779



56.8107, 55.5298, 62.2703



50.7567, 55.5298, 51.2015



48.9435, 55.5298, 58.6901

Sweetspot

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



54.8568, 55.5322, 70.7791



90.6141, 94.1622, 108.0070



56.8771, 61.5089, 71.8263



19.1471, 19.8287, 23.0681



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.



54.8568, 55.5322, 70.7791



79.5450, 79.6789, 105.7948



57.3866, 56.8363, 70.8975



12.0459, 12.1651, 15.6507



8.4160, 3.4911, 38.6834



0.5859, 0.2509, 2.3369

Inverse Universe

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



58.1195, 57.2863, 67.6715



85.5800, 82.9247, 99.9950



57.0206, 63.5928, 60.3110



12.8071, 12.5743, 14.9242



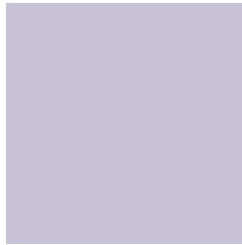
20.5220, 10.1451, 20.5846



1.2710, 0.6252, 1.4164

Previews

White Background



This preview shows how the XYZ color 54.8552, 55.5298, 70.7779 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 54.8552, 55.5298, 70.7779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

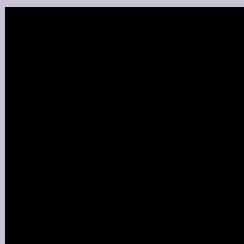
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8552, 55.5298, 70.7779

Background



This preview shows how black text looks on a background with the XYZ color 54.8552, 55.5298, 70.7779.



This preview shows how white text looks on a background with the XYZ color 54.8552, 55.5298,

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

54.8552, 55.5298, 70.7779

Protanopia

54.1584, 55.4874, 71.4740

Deuteranopia

56.7808, 55.5265, 71.3434



Tritanopia

54.4367, 55.6891, 68.8527

Trichromacy



Original Color

54.8552, 55.5298, 70.7779

Protanomaly

54.4177, 55.6210, 71.4861

Deuteranomaly

56.1641, 55.5334, 71.3772

Tritanomaly

54.5617, 55.7391, 69.5110

Monochromacy



Original Color

54.8552, 55.5298, 70.7779

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.0344, 56.2501, 64.5093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8552, 55.5298, 70.7779 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, 194, 213) looks like.

```
.text, #text, p{  
    color:rgb(199, 194, 213)  
}
```

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, 194, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 194, 213) }
```

Border

The CSS property to change the border of an element to XYZ 54.8552, 55.5298, 70.7779 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, 194, 213) }
```


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

```
.border{ border-color:rgb(199, 194, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 194, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 194, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 194, 213);  
box-shadow:4px 4px 4px 4px rgb(199, 194,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8552, 55.5298, 70.7779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 194, 213) }
```

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

```
.background{ background-color: rgb(199,  
194, 213) }
```

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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