

Converting Colors

XYZ(56.9848, 54.6704, 71.1673)

Have a look what the booklet for
XYZ(56.9848, 54.6704, 71.1673)
contains.

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Color

**XYZ(56.9848, 54.6704,
71.1673)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BCD6
RGB	211, 188, 214
RGB Percent	83%, 74%, 84%
CMY	0.1725, 0.2627, 0.1608
CMYK	0.01, 0.12, 0.00, 0.16
HSL	293°, 24%, 79%
HSV	293°, 12%, 84%
XYZ	56.9848, 54.6704, 71.1673
YIQ	197.8410, 5.3620, 12.9620

Conversions

Conversions Part 2

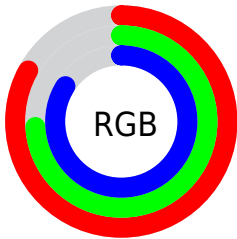
Format	Color
R _Y B	211, 188, 214
Decimal	13876438
CIE Lab	78.85, 12.77, -10.03
CIE LCh	79, 16.238, 321.844
Yxy	54.6704, 0.3117, 0.2990
Android (android.graphics.Color)	4292066518 (0xFFD3BCD6)
YUV	197.8410, 7.9664, 11.5404
Hunter-Lab	73.9394, 8.1752, -5.3095

Details

The XYZ color **56.9848, 54.6704, 71.1673** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **54.6115, 62.8017, 56.8234**, and the grayscale version is **53.5322, 56.3201, 61.3326**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **28.6323, 26.8991, 36.4838** is the 20% darker color. If you saturate the color by 10%, you get **52.0465, 45.8351, 69.7230**, and if you desaturate by 10%, it is **62.6151, 64.8717, 72.8404**.

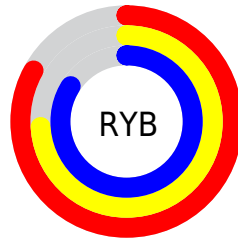
Distribution



Red (83%)

Green (74%)

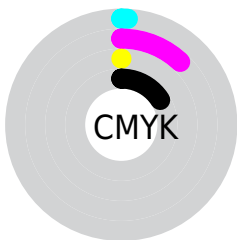
Blue (84%)



Red (83%)

Yellow (74%)

Blue (84%)

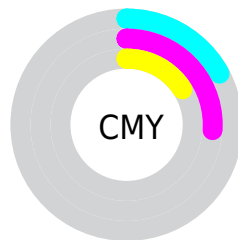


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (16%)



Cyan (17%)

Magenta (26%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9848, 54.6704, 71.1673 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 56.9848, 54.6704, 71.1673 by changing the saturation by 10% instead.

■ 56.9848, 54.6704,
71.1673

■ 56.9848, 54.6704,
71.1673

403.4075,
404.6613, 483.5375

■ 41.2331, 39.1379,
51.9961

■ 99.5745, 97.0579,
122.5686

■ 28.6898, 26.8670,
36.6197

127.1432,
124.6816, 155.6357

■ 18.9894, 17.4734,
24.6197

159.3817,
157.1046, 194.1719

■ 11.7666, 10.5726,
15.5775

196.6553,
194.7112, 238.5957

■ 6.6560, 5.7802,
9.0746

239.3292,
237.8857, 289.3256

■ 3.2923, 2.7119,
4.6924

287.7690,

■ 1.3102, 0.9832,

287.0127, 346.7802

2.0124

342.3400,
342.4764, 411.3779

■ 0.1908, 0.0000,
0.5629

■ 0.0000, 0.0000,
0.0000

■ 56.9848, 54.6704,
71.1673

■ 56.9848, 54.6704,
71.1673

■ 52.0465, 45.8351,
69.7230

■ 62.6151, 64.8717,
72.8404

■ 47.7655, 38.2993,
68.4941

■ 68.9604, 76.4877,
74.7481

■ 44.1115, 32.0015,
67.4711

■ 76.0487, 89.5736,
76.9003

■ 41.0497, 26.8723,
66.6424

■ 77.6797, 91.7282,
77.2303

38.5422, 22.8356,
65.9954

78.4366, 92.1184,
77.2657

36.5462, 19.8062,
65.5159

79.2046, 92.5144,
77.3016

35.0127, 17.6862,
65.1875

79.9837, 92.9160,
77.3381

33.8831, 16.3583,
64.9907

80.7741, 93.3235,
77.3751

33.2004, 15.7133,
64.9022

81.5757, 93.7367,
77.4126

Harmonies

Analogous

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



54.3006, 54.6704, 77.5490



56.9848, 54.6704, 71.1673



58.3356, 54.6704, 62.0779

Triad

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



56.9848, 54.6704, 71.1673



52.8459, 54.6704, 43.6429



46.4249, 54.6704, 66.3714

Complementary

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



56.9848, 54.6704, 71.1673



54.6115, 62.8017, 56.8234

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.



46.0715, 54.6704, 57.0466



56.9848, 54.6704, 71.1673



49.6927, 54.6704, 44.5383

Square

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



56.9848, 54.6704, 71.1673



55.8823, 54.6704, 46.6438



47.2445, 54.6704, 49.2303



48.2306, 54.6704, 74.5871

Rectangle

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



56.9848, 54.6704, 71.1673



58.2608, 54.6704, 55.9609



47.2445, 54.6704, 49.2303



46.1354, 54.6704, 63.2410

Sweetspot

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



56.9864, 54.6728, 71.1685



91.4502, 93.4413, 107.8238



51.5171, 52.8252, 71.1001



19.4334, 19.7445, 23.0368



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.



56.9864, 54.6728, 71.1685



82.4333, 77.1494, 105.1544



56.6196, 54.6262, 64.7091



12.8054, 12.5566, 15.6863



20.1241, 9.5269, 39.2314



1.2547, 0.5957, 2.3682

Inverse Universe

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



55.1206, 54.0267, 56.8159



79.0614, 75.9861, 79.0208



54.9767, 62.8616, 62.6439



12.4810, 12.4439, 13.2069



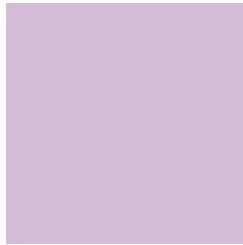
16.8857, 8.6906, 1.4360



1.0384, 0.5322, 0.1916

Previews

White Background



This preview shows how the XYZ color 56.9848, 54.6704, 71.1673 looks on a white background.

Color Contrast Check

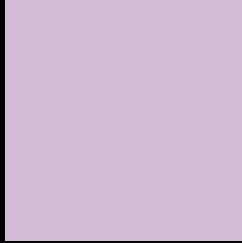
Large Text (above 18pt) WCAG AA × Fail

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 56.9848, 54.6704, 71.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

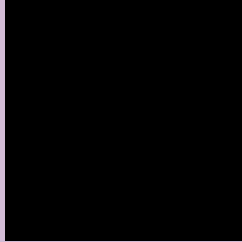
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9848, 54.6704, 71.1673

Background



This preview shows how black text looks on a background with the XYZ color 56.9848, 54.6704, 71.1673.



This preview shows how white text looks on a background with the XYZ color 56.9848, 54.6704,

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

56.9848, 54.6704, 71.1673

Protanopia

53.6849, 54.8520, 74.0877

Deuteranopia

56.0047, 54.8038, 71.2447



Tritanopia

55.8909, 54.8882, 64.7755

Trichromacy



Original Color

56.9848, 54.6704, 71.1673

Protanomaly

54.9272, 54.8511, 73.3380

Deuteranomaly

56.3476, 54.6601, 71.1989

Tritanomaly

56.1611, 54.6509, 67.2632

Monochromacy



Original Color

56.9848, 54.6704, 71.1673

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.8195, 55.6397, 64.9770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9848, 54.6704, 71.1673 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(211, 188, 214)` looks like.

```
.text, #text, p{  
    color:rgb(211, 188, 214)  
}
```

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(211, 188, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 188, 214) }
```

Border

The CSS property to change the border of an element to XYZ 56.9848, 54.6704, 71.1673 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(211, 188, 214) }
```


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

```
.border{ border-color:rgb(211, 188, 214) }
```

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

Here you see how a box with a 4 pixel rgb(211, 188, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 188, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 188, 214);  
box-shadow:4px 4px 4px 4px rgb(211, 188,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9848, 54.6704, 71.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 188, 214) }
```

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

```
.background{ background-color: rgb(211,  
188, 214) }
```

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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