

Converting Colors

XYZ(55.0366, 52.4443, 69.5094)

Have a look what the booklet for
XYZ(55.0366, 52.4443, 69.5094)
contains.

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Color

**XYZ(55.0366, 52.4443,
69.5094)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B8D4
RGB	208, 184, 212
RGB Percent	82%, 72%, 83%
CMY	0.1843, 0.2784, 0.1686
CMYK	0.02, 0.13, 0.00, 0.17
HSL	291°, 25%, 78%
HSV	291°, 13%, 83%
XYZ	55.0366, 52.4443, 69.5094
YIQ	194.3680, 5.3160, 13.7960

Conversions

Conversions Part 2

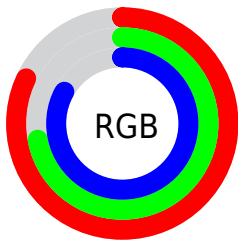
Format	Color
R _Y B	208, 184, 212
Decimal	13678804
CIE Lab	77.55, 13.53, -10.92
CIE LCh	78, 17.393, 321.092
Yxy	52.4443, 0.3110, 0.2963
Android (android.graphics.Color)	4291868884 (0xFFD0B8D4)
YUV	194.3680, 8.6926, 11.9553
Hunter-Lab	72.4184, 8.9243, -6.2154

Details

The XYZ color **55.0366, 52.4443, 69.5094** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **52.9361, 61.2404, 54.3805**, and the grayscale version is **51.4453, 54.1245, 58.9416**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **27.3390, 25.4392, 35.3676** is the 20% darker color. If you saturate the color by 10%, you get **50.1157, 43.8538, 68.1114**, and if you desaturate by 10%, it is **60.6368, 62.3675, 71.1304**.

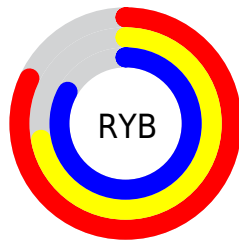
Distribution



Red (82%)

Green (72%)

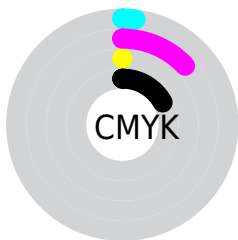
Blue (83%)



Red (82%)

Yellow (72%)

Blue (83%)

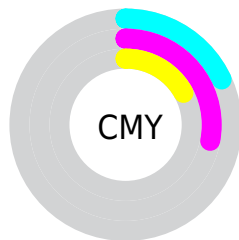


Cyan (2%)

Magenta (13%)

Yellow (0%)

Black (17%)



Cyan (18%)

Magenta (28%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0366, 52.4443, 69.5094 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 55.0366, 52.4443, 69.5094 by changing the saturation by 10% instead.

■ 55.0366, 52.4443,
69.5094

■ 55.0366, 52.4443,
69.5094

396.1848,
396.1495, 477.5680

■ 39.6650, 37.3593,
50.6523

■ 96.7426, 93.7862,
120.1834

■ 27.4605, 25.4858,
35.5572

123.8077,
120.8118, 152.8374

■ 18.0577, 16.4394,
23.8054

155.5013,
152.5866, 190.9275

■ 11.0914, 9.8356,
14.9785

192.1888,
189.4947, 234.8723

■ 6.1961, 5.2901,
8.6578

234.2355,
231.9207, 285.0901

■ 3.0065, 2.4185,
4.4249

282.0069,

■ 1.1572, 0.8354,

280.2489, 341.9997

1.8612

335.8682,
334.8637, 406.0195

■ 0.0722, 0.0000,
0.4679

■ 0.0000, 0.0000,
0.0000

■ 55.0366, 52.4443,
69.5094

■ 55.0366, 52.4443,
69.5094

■ 50.1157, 43.8538,
68.1114

■ 60.6368, 62.3675,
71.1304

■ 45.8401, 36.5308,
66.9233

■ 66.9392, 73.6717,
72.9802

■ 42.1799, 30.4145,
65.9356

■ 73.9712, 86.4108,
75.0684

■ 39.1006, 25.4366,
65.1371

■ 77.1942, 91.5073,
75.8823

36.5648, 21.5217,
64.5151

78.1199, 91.9845,
75.9256

34.5300, 18.5857,
64.0556

79.0623, 92.4703,
75.9697

32.9477, 16.5312,
63.7425

80.0214, 92.9648,
76.0146

31.7591, 15.2409,
63.5561

80.9975, 93.4680,
76.0603

31.1080, 14.6639,
63.4790

81.9905, 93.9799,
76.1067

Harmonies

Analogous

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



52.2043, 52.4443, 76.1314



55.0366, 52.4443, 69.5094



56.4949, 52.4443, 60.0116

Triad

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



55.0366, 52.4443, 69.5094



50.8523, 52.4443, 40.7274



44.0673, 52.4443, 64.0123

Complementary

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



55.0366, 52.4443, 69.5094



52.9361, 61.2404, 54.3805

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.



43.7417, 52.4443, 54.2898



55.0366, 52.4443, 69.5094



47.5613, 52.4443, 41.5429

Square

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



55.0366, 52.4443, 69.5094



54.0089, 52.4443, 43.9000



44.9938, 52.4443, 46.2682



45.9041, 52.4443, 72.7185

Rectangle

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



55.0366, 52.4443, 69.5094



56.4485, 52.4443, 53.6221



44.9938, 52.4443, 46.2682



43.7809, 52.4443, 60.7312

Sweetspot

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



55.0382, 52.4466, 69.5105



91.3479, 93.3885, 107.8190



49.6789, 50.9982, 69.5134



19.4074, 19.7311, 23.0355



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.



55.0382, 52.4466, 69.5105



81.2752, 75.5857, 104.9136



54.9778, 52.5540, 63.2491



12.7705, 12.5386, 15.6846



19.2693, 9.0862, 39.1914



1.2111, 0.5732, 2.3661

Inverse Universe

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



53.3707, 51.9111, 54.7862



78.2593, 74.6233, 78.0091



53.0276, 61.1647, 59.9344



12.4948, 12.4494, 13.2799



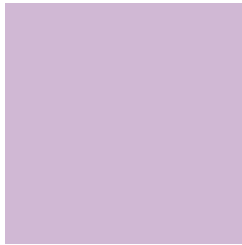
16.9311, 8.7087, 1.6751



1.0449, 0.5348, 0.2260

Previews

White Background



This preview shows how the XYZ color 55.0366, 52.4443, 69.5094 looks on a white background.

Color Contrast Check

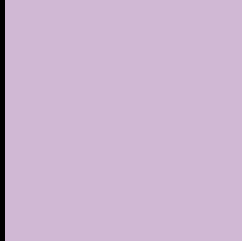
Large Text (above 18pt) WCAG AA × Fail

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 55.0366, 52.4443, 69.5094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

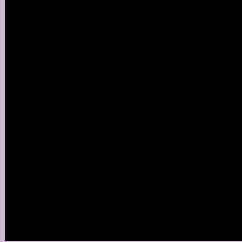
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0366, 52.4443, 69.5094

Background



This preview shows how black text looks on a background with the XYZ color 55.0366, 52.4443, 69.5094.



This preview shows how white text looks on a background with the XYZ color 55.0366, 52.4443,

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

55.0366, 52.4443, 69.5094

Protanopia

51.5472, 52.4761, 72.3778

Deuteranopia

53.5300, 52.2888, 69.5588



Tritanopia

53.5551, 52.4567, 62.5608

Trichromacy



Original Color

55.0366, 52.4443, 69.5094

Protanomaly

52.7546, 52.4748, 71.6382

Deuteranomaly

54.1345, 52.2888, 69.5269

Tritanomaly

54.1005, 52.3711, 65.0148

Monochromacy



Original Color

55.0366, 52.4443, 69.5094

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.5093, 53.1861, 62.7567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0366, 52.4443, 69.5094 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(208, 184, 212)` looks like.

```
.text, #text, p{  
    color:rgb(208, 184, 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(208, 184, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 184, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.0366, 52.4443, 69.5094 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(208, 184, 212) }
```


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

```
.border{ border-color:rgb(208, 184, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 184, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 184, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 184, 212);  
box-shadow:4px 4px 4px 4px rgb(208, 184,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0366, 52.4443, 69.5094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 184, 212) }
```

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

```
.background{ background-color: rgb(208,  
184, 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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