

Converting Colors

XYZ(54.9958, 50.2424, 69.5180)

Have a look what the booklet for XYZ(54.9958, 50.2424, 69.5180) contains.

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Color

**XYZ(55.1730, 50.3945,
69.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B1D5
RGB	213, 177, 213
RGB Percent	84%, 69%, 84%
CMY	0.1647, 0.3059, 0.1647
CMYK	0.00, 0.17, 0.00, 0.16
HSL	300°, 30%, 76%
HSV	300°, 17%, 84%
XYZ	55.1730, 50.3945, 69.7700
YIQ	191.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

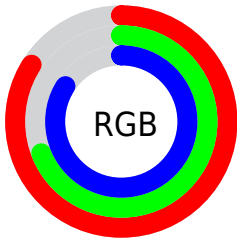
Format	Color
R_{YB}	213, 177, 213
Decimal	14004693
CIE _{Lab}	76.31, 19.20, -13.27
CIE _{LCh}	76, 23.340, 325.356
Yxy	50.3945, 0.3147, 0.2874
Android (android.graphics.Color)	4292194773 (0xFFD5B1D5)
YUV	191.8680, 10.4181, 18.5328
Hunter-Lab	70.9891, 14.5000, -8.5795

Details

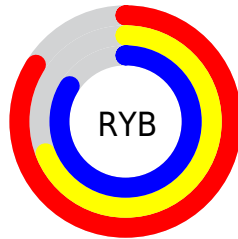
The XYZ color **55.1730, 50.3945, 69.7700** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.8635, 60.1115, 50.5723**, and the grayscale version is **49.9643, 52.5664, 57.2448**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **27.4798, 24.1530, 35.5614** is the 20% darker color. If you saturate the color by 10%, you get **51.2904, 42.6284, 68.4762**, and if you desaturate by 10%, it is **59.7153, 59.4782, 71.2849**.

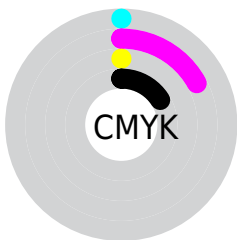
Distribution



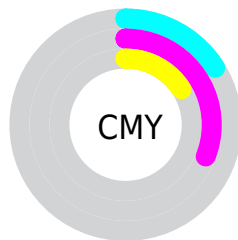
- Red (84%)
- Green (69%)
- Blue (84%)



- Red (84%)
- Yellow (69%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1730, 50.3945, 69.7700 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 55.1730, 50.3945, 69.7700 by changing the saturation by 10% instead.


 55.1730, 50.3945,
69.7700

 55.1730, 50.3945,
69.7700


396.6931,
388.2067, 478.5093

 39.7746, 35.7270,
50.8634

 96.9412, 90.7591,
120.5587

 27.5463, 24.2234,
35.7239


124.0418,
117.2250, 153.2780

 18.1226, 15.4994,
23.9331


155.7738,
148.3924, 191.4385

 11.1383, 9.1706,
15.0722

192.5027,
184.6458, 235.4588

 6.2279, 4.8526,
8.7229

234.5936,
226.3695, 285.7575

 3.0261, 2.1611,
4.4666

282.4121,

 1.1676, 0.6986,

273.9479, 342.7532

1.8846

336.3235,
327.7655, 406.8642

■ 0.0806, 0.0000,
0.4829

■ 0.0000, 0.0000,
0.0000

■ 55.1730, 50.3945,
69.7700

■ 55.1730, 50.3945,
69.7700

■ 51.2904, 42.6284,
68.4762

■ 59.7153, 59.4782,
71.2849

■ 48.0325, 36.1127,
67.3901

■ 64.9412, 69.9299,
73.0270

■ 45.3681, 30.7840,
66.5018

■ 70.8788, 81.8051,
75.0064

■ 43.2615, 26.5709,
65.7994

■ 75.2116, 90.4706,
76.4508

41.6731, 23.3941,
65.2697

75.2116, 90.4706,
76.4510

40.5581, 21.1642,
64.8979

75.2116, 90.4706,
76.4512

39.8642, 19.7764,
64.6664

75.2117, 90.4706,
76.4514

39.5228, 19.0938,
64.5525

75.2117, 90.4706,
76.4515

39.4511, 18.9504,
64.5285

75.2117, 90.4707,
76.4517

Harmonies

Analogous

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



51.5995, 50.3945, 79.7041



55.1730, 50.3945, 69.7700



56.8005, 50.3945, 56.8490

Triad

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



55.1730, 50.3945, 69.7700



48.5842, 50.3945, 34.1558



40.6781, 50.3945, 65.8715

Complementary

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



55.1730, 50.3945, 69.7700



49.8635, 60.1115, 50.5723

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.



39.9788, 50.3945, 52.9395



55.1730, 50.3945, 69.7700



44.3788, 50.3945, 35.8197

Square

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



55.1730, 50.3945, 69.7700



52.8517, 50.3945, 37.3108



41.2932, 50.3945, 42.2602



43.2648, 50.3945, 77.2233

Rectangle

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



55.1730, 50.3945, 69.7700



56.4950, 50.3945, 48.7236



41.2932, 50.3945, 42.2602



40.2215, 50.3945, 61.5150

Sweetspot

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



55.1745, 50.3967, 69.7711



91.1166, 92.1332, 107.5887



45.8661, 45.5980, 69.3358



19.3889, 19.4928, 22.9905



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.



55.1745, 50.3967, 69.7711



80.8828, 71.6657, 104.1771



53.0148, 49.5328, 58.3983



12.9531, 12.6327, 15.6931



24.0981, 11.5756, 39.4162



1.4535, 0.6982, 2.3774

Inverse Universe

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



55.1745, 50.3967, 69.7711



80.8828, 71.6657, 104.1771



51.7779, 60.8773, 60.6532



12.9531, 12.6327, 15.6931



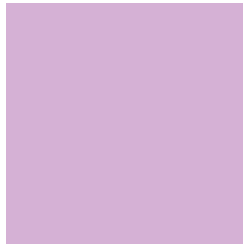
24.0981, 11.5756, 39.4162



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 55.1730, 50.3945, 69.7700 looks on a white background.

Color Contrast Check

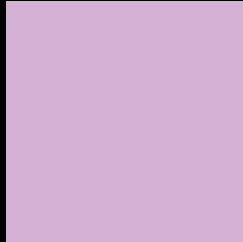
Large Text (above 18pt) WCAG AA × Fail

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 55.1730, 50.3945, 69.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

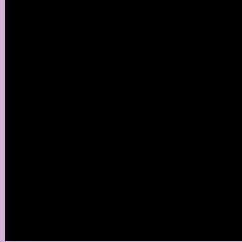
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1730, 50.3945, 69.7700

Background



This preview shows how black text looks on a background with the XYZ color 55.1730, 50.3945, 69.7700.



This preview shows how white text looks on a background with the XYZ color 55.1730, 50.3945,

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

55.1730, 50.3945, 69.7700

Protanopia

49.8479, 50.6002, 74.1574

Deuteranopia

51.5821, 50.3562, 69.2884



Tritanopia

52.6372, 50.2392, 57.9618

Trichromacy



Original Color

55.1730, 50.3945, 69.7700

Protanomaly

51.4502, 50.2142, 72.6262

Deuteranomaly

52.7647, 50.3578, 69.2264

Tritanomaly

53.5267, 50.3061, 62.1472

Monochromacy



Original Color

55.1730, 50.3945, 69.7700

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.0151, 51.9901, 61.9372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1730, 50.3945, 69.7700 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(213, 177, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 177, 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(213, 177, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 177, 213) }
```

Border

The CSS property to change the border of an element to XYZ 55.1730, 50.3945, 69.7700 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(213, 177, 213) }
```


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

```
.border{ border-color:rgb(213, 177, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 177, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 177, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 177, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 177,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1730, 50.3945, 69.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 177, 213) }
```

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

```
.background{ background-color: rgb(213,  
177, 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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