

Converting Colors

XYZ(55.3109, 51.8980, 66.0303)

Have a look what the booklet for
XYZ(55.3109, 51.8980, 66.0303)
contains.

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Color

**XYZ(55.4310, 52.1070,
66.1676)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B6CF
RGB	213, 182, 207
RGB Percent	84%, 71%, 81%
CMY	0.1647, 0.2863, 0.1882
CMYK	0.00, 0.15, 0.03, 0.16
HSL	312°, 27%, 77%
HSV	312°, 15%, 84%
XYZ	55.4310, 52.1070, 66.1676
YIQ	194.1190, 10.4510, 14.3470

Conversions

Conversions Part 2

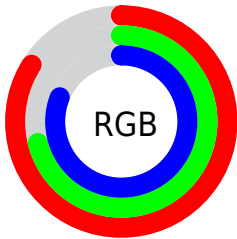
Format	Color
R _Y B	213, 182, 207
Decimal	14005967
CIE Lab	77.34, 15.39, -8.47
CIE LCh	77, 17.568, 331.193
Yxy	52.1070, 0.3191, 0.3000
Android (android.graphics.Color)	4292196047 (0xFFD5B6CF)
YUV	194.1190, 6.3503, 16.5586
Hunter-Lab	72.1852, 10.7461, -3.8178

Details

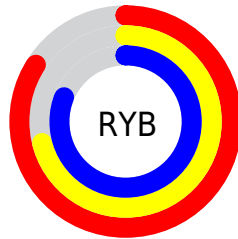
The XYZ color **55.4310, 52.1070, 66.1676** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.1648, 61.1659, 56.6366**, and the grayscale version is **51.3091, 53.9812, 58.7855**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **27.7006, 25.2695, 33.5545** is the 20% darker color. If you saturate the color by 10%, you get **50.8992, 43.8390, 62.2028**, and if you desaturate by 10%, it is **60.6425, 61.7118, 70.4251**.

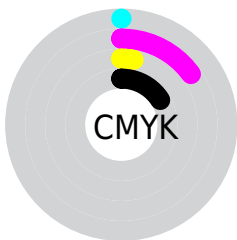
Distribution



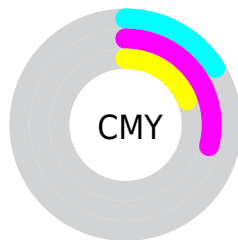
- Red (84%)
- Green (71%)
- Blue (81%)



- Red (84%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4310, 52.1070, 66.1676 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 55.4310, 52.1070, 66.1676 by changing the saturation by 10% instead.

■ 55.4310, 52.1070,
66.1676

■ 55.4310, 52.1070,
66.1676

397.6535,
394.8495, 465.3966

■ 39.9821, 37.0904,
47.9511

■ 97.3168, 93.2890,
115.3561

■ 27.7087, 25.2775,
33.4285

124.4844,
120.2232, 147.1653

■ 18.2456, 16.2839,
22.1811

156.2890,
151.8987, 184.3424

■ 11.2272, 9.7253,
13.7904

193.0958,
188.6999, 227.3061

■ 6.2883, 5.2172,
7.8380

235.2704,
231.0112, 276.4748

■ 3.0635, 2.3753,
3.9052

283.1779,

■ 1.1874, 0.8131,

279.2169, 332.2671

1.5735

337.1839,
333.7016, 395.1015

■ 0.0964, 0.0000,
0.2718

■ 0.0000, 0.0000,
0.0000

■ 55.4310, 52.1070,
66.1676

■ 55.4310, 52.1070,
66.1676

■ 50.8992, 43.8390,
62.2028

■ 60.6425, 61.7118,
70.4251

■ 47.0126, 36.8411,
58.5169

■ 66.5571, 72.7025,
74.9819

■ 43.7404, 31.0513,
55.0998

■ 73.2030, 85.1343,
79.8483

■ 41.0475, 26.3996,
51.9393

■ 76.5869, 91.0207,
83.6939

38.8953, 22.8087,
49.0219

77.1514, 91.2465,
86.6664

37.2403, 20.1919,
46.3328

77.7296, 91.4778,
89.7108

36.0320, 18.4487,
43.8545

78.3214, 91.7145,
92.8276

35.2092, 17.4564,
41.5661

78.9271, 91.9568,
96.0172

34.8652, 17.1160,
40.3799

79.5468, 92.2047,
99.2801

Harmonies

Analogous

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



52.9627, 52.1070, 74.1594



55.4310, 52.1070, 66.1676



56.2994, 52.1070, 56.3497

Triad

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



55.4310, 52.1070, 66.1676



49.3912, 52.1070, 40.1137



44.1813, 52.1070, 66.9127

Complementary

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



55.4310, 52.1070, 66.1676



52.1648, 61.1659, 56.6366

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.



43.3191, 52.1070, 57.1233



55.4310, 52.1070, 66.1676



46.2416, 52.1070, 42.2801

Square

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



55.4310, 52.1070, 66.1676



52.7184, 52.1070, 41.9630



44.0563, 52.1070, 48.2455



46.4654, 52.1070, 74.6228

Rectangle

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



55.4310, 52.1070, 66.1676



55.8244, 52.1070, 50.2806



44.0563, 52.1070, 48.2455



43.7204, 52.1070, 63.7209

Sweetspot

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



55.4325, 52.1093, 66.1687



91.5656, 93.5373, 106.1783



49.4015, 48.9138, 69.7892



19.4627, 19.7689, 22.6187



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.



55.4325, 52.1093, 66.1687



81.4242, 74.8634, 97.8378



53.6644, 51.4020, 56.8581



12.8452, 12.5896, 15.1248



21.3333, 10.4696, 24.8569



1.3138, 0.6423, 1.6416

Inverse Universe

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



55.4325, 52.1093, 66.1687



81.4242, 74.8634, 97.8378



53.8888, 61.8555, 65.7151



12.8452, 12.5896, 15.1248



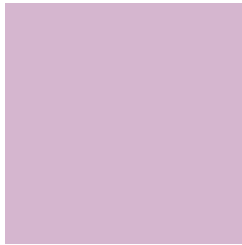
21.3333, 10.4696, 24.8569



1.3138, 0.6423, 1.6416

Previews

White Background



This preview shows how the XYZ color 55.4310, 52.1070, 66.1676 looks on a white background.

Color Contrast Check

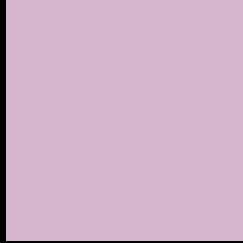
Large Text (above 18pt) WCAG AA × Fail

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 55.4310, 52.1070, 66.1676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

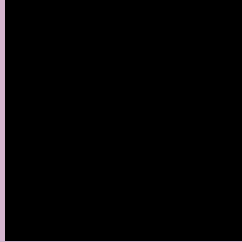
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4310, 52.1070, 66.1676

Background



This preview shows how black text looks on a background with the XYZ color 55.4310, 52.1070, 66.1676.



This preview shows how white text looks on a background with the XYZ color 55.4310, 52.1070,

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

55.4310, 52.1070, 66.1676

Protanopia

51.2834, 52.3992, 69.6985

Deuteranopia

53.3281, 52.2706, 65.6711



Tritanopia

54.4849, 52.3552, 60.6600

Trichromacy



Original Color

55.4310, 52.1070, 66.1676

Protanomaly

52.6919, 52.1996, 68.2711

Deuteranomaly

54.2217, 52.4196, 65.6527

Tritanomaly

54.6275, 52.0811, 62.4318

Monochromacy



Original Color

55.4310, 52.1070, 66.1676

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.8097, 53.3679, 61.5505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4310, 52.1070, 66.1676 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, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(213, 182, 207)  
}
```

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, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 182, 207) }
```

Border

The CSS property to change the border of an element to XYZ 55.4310, 52.1070, 66.1676 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, 182, 207) }
```


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

```
.border{ border-color:rgb(213, 182, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 182, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(213, 182,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4310, 52.1070, 66.1676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 182, 207) }
```

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

```
.background{ background-color: rgb(213,  
182, 207) }
```

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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