

Converting Colors

XYZ(55.0867, 51.8424, 65.4875)

Have a look what the booklet for
XYZ(55.0867, 51.8424, 65.4875)
contains.

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Color

**XYZ(55.0199, 51.9092,
65.5121)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B6CE
RGB	212, 182, 206
RGB Percent	83%, 71%, 81%
CMY	0.1686, 0.2863, 0.1922
CMYK	0.00, 0.14, 0.03, 0.17
HSL	312°, 26%, 77%
HSV	312°, 14%, 83%
XYZ	55.0199, 51.9092, 65.5121
YIQ	193.7060, 10.1760, 13.8240

Conversions

Conversions Part 2

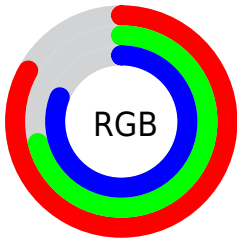
Format	Color
R _Y B	212, 182, 206
Decimal	13940430
CIE Lab	77.23, 14.87, -8.11
CIE LCh	77, 16.935, 331.396
Yxy	51.9092, 0.3191, 0.3010
Android (android.graphics.Color)	4292130510 (0xFFD4B6CE)
YUV	193.7060, 6.0609, 16.0438
Hunter-Lab	72.0480, 10.2285, -3.4778




Details

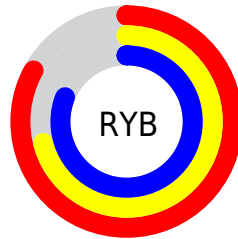
The XYZ color **55.0199, 51.9092, 65.5121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9140, 60.6643, 56.5531**, and the grayscale version is **51.0668, 53.7263, 58.5079**.




A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **27.4224, 25.1356, 33.1121** is the 20% darker color. If you saturate the color by 10%, you get **50.4949, 43.6718, 61.4967**, and if you desaturate by 10%, it is **60.2192, 61.4713, 69.8221**.

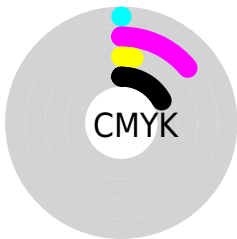
Distribution







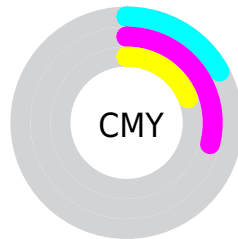
-  Red (83%)
-  Green (71%)
-  Blue (81%)






-  Red (83%)
-  Yellow (71%)
-  Blue (81%)



-  Cyan (0%)
-  Magenta (14%)
-  Yellow (3%)
-  Black (17%)





-  Cyan (17%)
-  Magenta (29%)
-  Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0199, 51.9092, 65.5121 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 55.0199, 51.9092, 65.5121 by changing the saturation by 10% instead.

 55.0199, 51.9092,
65.5121

 55.0199, 51.9092,
65.5121


396.1225,
394.0860, 462.9864

 39.6516, 36.9327,
47.4225

 96.7183, 92.9973,
114.4061

 27.4500, 25.1554,
33.0130


123.7790,
119.8777, 146.0475

 18.0498, 16.1929,
21.8652


155.4679,
151.4949, 183.0433

 11.0856, 9.6607,
13.5605

192.1503,
188.2332, 225.8120

 6.1922, 5.1746,
7.6804

234.1917,
230.4771, 274.7721

 3.0041, 2.3501,
3.8063

281.9573,

 1.1559, 0.8000,

278.6109, 330.3422

1.5197

335.8124,
333.0191, 392.9408

■ 0.0711, 0.0000,
0.2325

■ 0.0000, 0.0000,
0.0000

■ 55.0199, 51.9092,
65.5121

■ 55.0199, 51.9092,
65.5121

■ 50.4949, 43.6718,
61.4967

■ 60.2192, 61.4713,
69.8221

■ 46.6099, 36.6932,
57.7621

■ 66.1157, 72.4064,
74.4330

■ 43.3348, 30.9123,
54.2983

■ 72.7373, 84.7688,
79.3551

■ 40.6349, 26.2603,
51.0932

■ 76.2261, 90.8430,
83.3032

38.4721, 22.6610,
48.1335

76.8051, 91.0746,
86.3520

36.8038, 20.0291,
45.4046

77.3985, 91.3119,
89.4768

35.5804, 18.2659,
42.8892

78.0064, 91.5551,
92.6780

34.7419, 17.2516,
40.5669

78.6289, 91.8041,
95.9563

34.3692, 16.8842,
39.2772

79.2662, 92.0590,
99.3121

Harmonies

Analogous

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



52.6597, 51.9092, 73.1824



55.0199, 51.9092, 65.5121



55.8407, 51.9092, 56.0863

Triad

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



55.0199, 51.9092, 65.5121



49.1864, 51.9092, 40.4756



44.2027, 51.9092, 66.3472

Complementary

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



55.0199, 51.9092, 65.5121



51.9140, 60.6643, 56.5531

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.



43.3610, 51.9092, 56.9565



55.0199, 51.9092, 65.5121



46.1593, 51.9092, 42.6011

Square

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



55.0199, 51.9092, 65.5121



52.3853, 51.9092, 42.2418



44.0617, 51.9092, 48.3914



46.4115, 51.9092, 73.7005

Rectangle

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



55.0199, 51.9092, 65.5121



55.3771, 51.9092, 50.2503



44.0617, 51.9092, 48.3914



43.7550, 51.9092, 63.2913

Sweetspot

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



55.0214, 51.9115, 65.5132



91.5551, 93.5331, 106.1231



49.3529, 48.9034, 69.1263



19.4601, 19.7678, 22.6047



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.



55.0214, 51.9115, 65.5132



81.3812, 74.8462, 97.6111



53.2851, 51.2169, 56.3699



12.8416, 12.5881, 15.1061



21.2540, 10.4379, 24.4395



1.3096, 0.6406, 1.6198

Inverse Universe

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



55.0214, 51.9115, 65.5132



81.3812, 74.8462, 97.6111



53.6161, 61.3452, 65.5163



12.8416, 12.5881, 15.1061



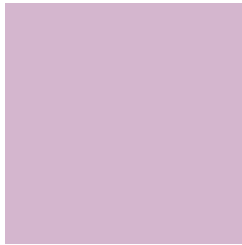
21.2540, 10.4379, 24.4395



1.3096, 0.6406, 1.6198

Previews

White Background



This preview shows how the XYZ color 55.0199, 51.9092, 65.5121 looks on a white background.

Color Contrast Check

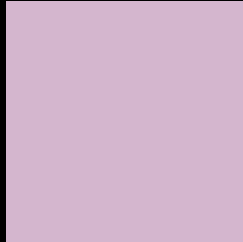
Large Text (above 18pt) WCAG AA × Fail

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 55.0199, 51.9092, 65.5121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

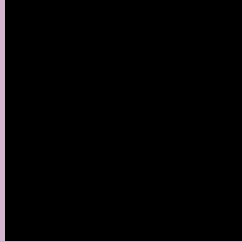
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0199, 51.9092, 65.5121

Background



This preview shows how black text looks on a background with the XYZ color 55.0199, 51.9092, 65.5121.



This preview shows how white text looks on a background with the XYZ color 55.0199, 51.9092,

65.5121.

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

55.0199, 51.9092, 65.5121

Protanopia

50.9104, 52.2214, 69.0245

Deuteranopia

52.9970, 51.8022, 64.9632



Tritanopia

53.9905, 51.7931, 60.5775

Trichromacy



Original Color

55.0199, 51.9092, 65.5121

Protanomaly

52.3049, 52.0144, 67.6046

Deuteranomaly

53.6135, 51.8106, 64.9323

Tritanomaly

54.3401, 51.9329, 62.4184

Monochromacy



Original Color

55.0199, 51.9092, 65.5121

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.6939, 53.3216, 60.9409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0199, 51.9092, 65.5121 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(212, 182, 206)` looks like.

```
.text, #text, p{  
    color:rgb(212, 182, 206)  
}
```

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(212, 182, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 182, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.0199, 51.9092, 65.5121 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(212, 182, 206) }
```


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

```
.border{ border-color:rgb(212, 182, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 182, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 182, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 182, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 182,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0199, 51.9092, 65.5121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 182, 206) }
```

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

```
.background{ background-color: rgb(212,  
182, 206) }
```

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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