

Converting Colors

XYZ(53.7724, 49.5467, 64.8929)

Have a look what the booklet for
XYZ(53.7724, 49.5467, 64.8929)
contains.

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Color

**XYZ(53.8173, 49.5039,
65.1113)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B0CE
RGB	212, 176, 206
RGB Percent	83%, 69%, 81%
CMY	0.1686, 0.3098, 0.1922
CMYK	0.00, 0.17, 0.03, 0.17
HSL	310°, 30%, 76%
HSV	310°, 17%, 83%
XYZ	53.8173, 49.5039, 65.1113
YIQ	190.1840, 11.8260, 16.9620

Conversions

Conversions Part 2

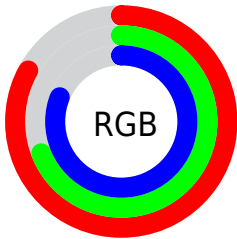
Format	Color
R _Y B	212, 176, 206
Decimal	13938894
CIE Lab	75.76, 18.11, -10.28
CIE LCh	76, 20.831, 330.414
Yxy	49.5039, 0.3195, 0.2939
Android (android.graphics.Color)	4292128974 (0xFFD4B0CE)
YUV	190.1840, 7.7973, 19.1326
Hunter-Lab	70.3590, 13.4056, -5.6166

Details

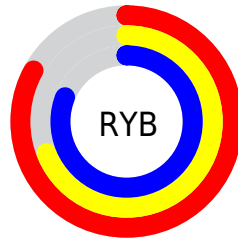
The XYZ color **53.8173, 49.5039, 65.1113** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.8934, 59.6959, 53.1514**, and the grayscale version is **49.0024, 51.5544, 56.1427**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **26.6551, 23.6010, 32.8563** is the 20% darker color. If you saturate the color by 10%, you get **49.5567, 41.6614, 61.5973**, and if you desaturate by 10%, it is **58.7396, 58.6529, 68.8947**.

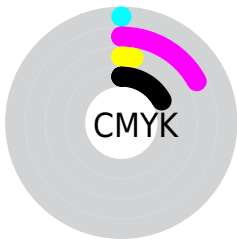
Distribution



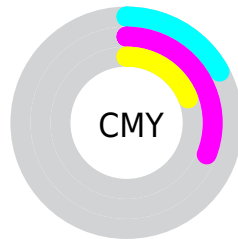
- Red (83%)
- Green (69%)
- Blue (81%)



- Red (83%)
- Yellow (69%)
- Blue (81%)



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



- Cyan (17%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8173, 49.5039, 65.1113 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 53.8173, 49.5039, 65.1113 by changing the saturation by 10% instead.

■ 53.8173, 49.5039,
65.1113

■ 53.8173, 49.5039,
65.1113

391.6227,
384.7227, 461.5090

■ 38.6857, 35.0194,
47.0994

■ 94.9644, 89.4394,
113.8247

■ 26.6949, 23.6778,
32.7593

121.7106,
115.6592, 145.3632

■ 17.4796, 15.0948,
21.6725

153.0591,
146.5594, 182.2478

■ 10.6745, 8.8859,
13.4205

189.3752,
182.5247, 224.8968

■ 5.9141, 4.6669,
7.5846

231.0242,
223.9392, 273.7289

■ 2.8331, 2.0532,
3.7464

278.3716,

■ 1.0661, 0.6381,

271.1875, 329.1626

1.4873

331.7826,
324.6538, 391.6165

■ 0.0000, 0.0000,
0.2084

■ 0.0000, 0.0000,
0.0000

■ 53.8173, 49.5039,
65.1113

■ 53.8173, 49.5039,
65.1113

■ 49.5567, 41.6614,
61.5973

■ 58.7396, 58.6529,
68.8947

■ 45.9234, 35.0587,
58.3390

■ 64.3473, 69.1580,
72.9539

■ 42.8863, 29.6333,
55.3265

■ 70.6685, 81.0743,
77.2992

■ 40.4099, 25.3142,
52.5477

■ 75.8481, 90.6918,
81.3125

38.4552, 22.0233,
49.9891

76.3216, 90.8812,
83.8059

36.9776, 19.6718,
47.6356

76.8051, 91.0746,
86.3518

35.9254, 18.1562,
45.4696

77.2986, 91.2720,
88.9504

35.2302, 17.3398,
43.4680

77.8021, 91.4734,
91.6021

35.0541, 17.1582,
42.8836

78.3158, 91.6789,
94.3071

Harmonies

Analogous

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



50.9166, 49.5039, 74.4258



53.8173, 49.5039, 65.1113



54.8842, 49.5039, 53.7477

Triad

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



53.8173, 49.5039, 65.1113



46.9983, 49.5039, 35.2914



40.9277, 49.5039, 65.4138

Complementary

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



53.8173, 49.5039, 65.1113



49.8934, 59.6959, 53.1514

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.



40.0028, 49.5039, 54.0552



53.8173, 49.5039, 65.1113



43.3880, 49.5039, 37.5464

Square

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



53.8173, 49.5039, 65.1113



50.8187, 49.5039, 37.4258



40.8788, 49.5039, 44.0580



43.4762, 49.5039, 74.6166

Rectangle

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



53.8173, 49.5039, 65.1113



54.3687, 49.5039, 46.8111



40.8788, 49.5039, 44.0580



40.4230, 49.5039, 61.6737

Sweetspot

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



53.8188, 49.5061, 65.1124



90.7763, 91.9971, 105.7967



46.7025, 45.7516, 68.6577



19.3059, 19.4596, 22.5534



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.



53.8188, 49.5061, 65.1124



79.5441, 71.1302, 97.1279



51.7555, 48.6808, 54.2475



12.8600, 12.5955, 15.2030



21.6724, 10.6053, 26.6424



1.3313, 0.6493, 1.7342

Inverse Universe

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



53.8188, 49.5061, 65.1124



79.5441, 71.1302, 97.1279



51.8750, 60.4886, 63.5865



12.8600, 12.5955, 15.2030



21.6724, 10.6053, 26.6424



1.3313, 0.6493, 1.7342

Previews

White Background



This preview shows how the XYZ color 53.8173, 49.5039, 65.1113 looks on a white background.

Color Contrast Check

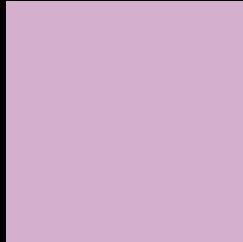
Large Text (above 18pt) WCAG AA × Fail

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 53.8173, 49.5039, 65.1113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

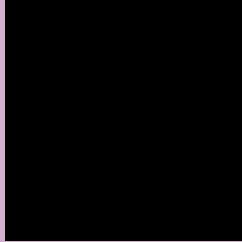
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8173, 49.5039, 65.1113

Background



This preview shows how black text looks on a background with the XYZ color 53.8173, 49.5039, 65.1113.



This preview shows how white text looks on a background with the XYZ color 53.8173, 49.5039,

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

53.8173, 49.5039, 65.1113

Protanopia

48.9710, 49.9386, 69.3454

Deuteranopia

50.7734, 49.7340, 64.6812



Tritanopia

52.0132, 49.3482, 56.6529

Trichromacy



Original Color

53.8173, 49.5039, 65.1113

Protanomaly

50.6089, 49.5784, 67.8750

Deuteranomaly

51.6978, 49.6069, 64.6079

Tritanomaly

52.6642, 49.3244, 59.5682

Monochromacy



Original Color

53.8173, 49.5039, 65.1113

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.6015, 50.6892, 59.3416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8173, 49.5039, 65.1113 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, 176, 206)` looks like.

```
.text, #text, p{  
    color:rgb(212, 176, 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, 176, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 176, 206) }
```

Border

The CSS property to change the border of an element to XYZ 53.8173, 49.5039, 65.1113 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, 176, 206) }
```


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

```
.border{ border-color:rgb(212, 176, 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, 176, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 176, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 176, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 176,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8173, 49.5039, 65.1113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 176, 206) }
```

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

```
.background{ background-color: rgb(212,  
176, 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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