

Converting Colors

XYZ(55.8777, 51.9097, 58.1134)

Have a look what the booklet for
XYZ(55.8777, 51.9097, 58.1134)
contains.

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Color

**XYZ(55.8777, 51.9097,
58.1134)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB4C2
RGB	221, 180, 194
RGB Percent	87%, 71%, 76%
CMY	0.1333, 0.2941, 0.2392
CMYK	0.00, 0.19, 0.12, 0.13
HSL	340°, 38%, 79%
HSV	340°, 19%, 87%
XYZ	55.8777, 51.9097, 58.1134
YIQ	193.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

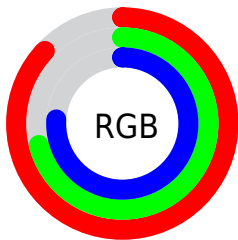
Format	Color
R _Y B	221, 180, 194
Decimal	14529730
CIE Lab	77.23, 17.02, -1.50
CIE LCh	77, 17.087, 354.978
Yxy	51.9097, 0.3368, 0.3129
Android (android.graphics.Color)	4292719810 (0xFFDDB4C2)
YUV	193.8550, 0.0715, 23.8062
Hunter-Lab	72.0484, 12.3524, 2.6112

Details

The XYZ color **55.8777, 51.9097, 58.1134** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.9435, 65.9227, 68.8106**, and the grayscale version is **51.1850, 53.8506, 58.6433**.

A 20% lighter version of the original color is **88.4908, 88.1530, 102.7938**, and **28.0489, 25.1792, 28.1927** is the 20% darker color. If you saturate the color by 10%, you get **50.2117, 43.0664, 48.5509**, and if you desaturate by 10%, it is **62.4181, 62.2443, 68.7586**.

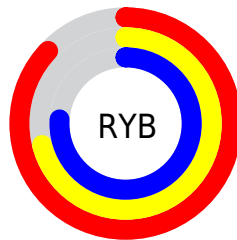
Distribution



Red (87%)

Green (71%)

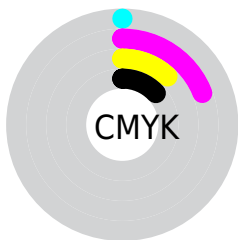
Blue (76%)



Red (87%)

Yellow (71%)

Blue (76%)

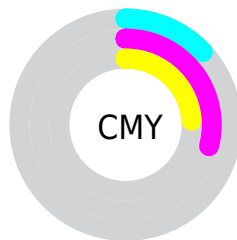


Cyan (0%)

Magenta (19%)

Yellow (12%)

Black (13%)



Cyan (13%)

Magenta (29%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8777, 51.9097, 58.1134 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 55.8777, 51.9097, 58.1134 by changing the saturation by 10% instead.


 55.8777, 51.9097,
58.1134

 55.8777, 51.9097,
58.1134


399.3129,
394.0879, 435.2184

 40.3415, 36.9331,
41.4845


 97.9666, 92.9981,
103.6044

 27.9903, 25.1557,
28.3753


125.2500,
119.8786, 133.3036

 18.4588, 16.1931,
18.3673


157.1798,
151.4959, 168.1966

 11.3815, 9.6609,
11.0418


194.1214,
188.2344, 208.7020

 6.3932, 5.1747,
5.9805

236.4402,
230.4784, 255.2384

 3.1286, 2.3501,
2.7646

284.5015,

 1.2221, 0.8001,

278.6125, 308.2242

0.9757

338.6706,
333.0208, 368.0780

■ 0.1237, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8777, 51.9097,
58.1134

■ 55.8777, 51.9097,
58.1134

■ 50.2117, 43.0664,
48.5509

■ 62.4181, 62.2443,
68.7586

■ 45.3774, 35.6384,
40.0325

■ 69.8643, 74.1278,
80.5167

■ 41.3353, 29.5533,
32.5219

■ 78.2516, 87.6233,
93.4210

■ 38.0405, 24.7297,
25.9792

■ 83.1850, 93.9347,
106.0267

■ 35.4435, 21.0769,
20.3619

■ 83.6291, 94.1123,
108.3655

■ 33.4884, 18.4925,
15.6235

■ 32.1101, 16.8554,
11.7127

■ 31.2133, 15.9857,
8.5657

■ 31.1046, 15.8865,
8.1646

Harmonies

Analogous

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



54.6745, 51.9097, 67.5093



55.8777, 51.9097, 58.1134



55.2666, 51.9097, 49.2458

Triad

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



55.8777, 51.9097, 58.1134



46.7283, 51.9097, 41.7054



45.8140, 51.9097, 72.6048

Complementary

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



55.8777, 51.9097, 58.1134



55.9435, 65.9227, 68.8106

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.



43.8505, 51.9097, 64.4793



55.8777, 51.9097, 58.1134



44.3617, 51.9097, 46.7946

Square

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



55.8777, 51.9097, 58.1134



49.8916, 51.9097, 40.3991



43.3307, 51.9097, 54.9576



48.7897, 51.9097, 76.4456

Rectangle

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



55.8777, 51.9097, 58.1134



53.9260, 51.9097, 44.7132



43.3307, 51.9097, 54.9576



45.0190, 51.9097, 70.2432

Sweetspot

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



55.8792, 51.9120, 58.1145



88.7816, 89.9916, 99.0157



55.0087, 51.0805, 75.3677



18.8629, 19.0390, 20.9705



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.



55.8792, 51.9120, 58.1145



74.3022, 67.1255, 75.4061



55.6494, 53.8508, 50.6440



13.2386, 13.1245, 14.5176



18.1168, 9.2477, 4.9949



1.2133, 0.6150, 0.5321

Inverse Universe

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



55.8792, 51.9120, 58.1145



74.3022, 67.1255, 75.4061



56.1376, 63.4498, 77.6957



13.2386, 13.1245, 14.5176



18.1168, 9.2477, 4.9949



1.2133, 0.6150, 0.5321

Previews

White Background



This preview shows how the XYZ color 55.8777, 51.9097, 58.1134 looks on a white background.

Color Contrast Check

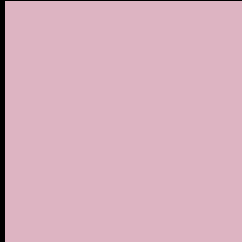
Large Text (above 18pt) WCAG AA × Fail

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 55.8777, 51.9097, 58.1134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

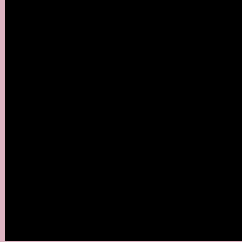
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8777, 51.9097, 58.1134

Background



This preview shows how black text looks on a background with the XYZ color 55.8777, 51.9097, 58.1134.



This preview shows how white text looks on a background with the XYZ color 55.8777, 51.9097,

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

55.8777, 51.9097, 58.1134

Protanopia

50.5770, 52.2035, 62.0542

Deuteranopia

52.9870, 51.9581, 57.6883



Tritanopia

55.8777, 51.9097, 58.1134

Trichromacy



Original Color

55.8777, 51.9097, 58.1134

Protanomaly

52.3806, 51.8915, 60.6814

Deuteranomaly

53.9997, 51.8634, 57.6166

Tritanomaly

55.8777, 51.9097, 58.1134

Monochromacy



Original Color

55.8777, 51.9097, 58.1134

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.8370, 53.1276, 58.5088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8777, 51.9097, 58.1134 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(221, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(221, 180, 194)  
}
```

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(221, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 180, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.8777, 51.9097, 58.1134 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(221, 180, 194) }
```


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

```
.border{ border-color:rgb(221, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(221, 180,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8777, 51.9097, 58.1134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 180, 194) }
```

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

```
.background{ background-color: rgb(221,  
180, 194) }
```

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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