

Converting Colors

XYZ(53.8755, 50.4222, 57.9085)

Have a look what the booklet for
XYZ(53.8755, 50.4222, 57.9085)
contains.

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Color

**XYZ(53.6823, 50.1829,
57.8958)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B2C2
RGB	215, 178, 194
RGB Percent	84%, 70%, 76%
CMY	0.1569, 0.3019, 0.2392
CMYK	0.00, 0.17, 0.10, 0.16
HSL	334°, 32%, 77%
HSV	334°, 17%, 84%
XYZ	53.6823, 50.1829, 57.8958
YIQ	190.8870, 16.9160, 12.8200

Conversions

Conversions Part 2

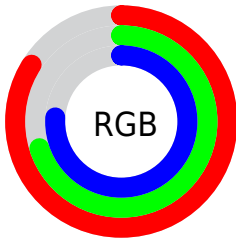
Format	Color
R _Y B	215, 178, 194
Decimal	14136002
CIE Lab	76.18, 15.97, -3.10
CIE LCh	76, 16.266, 349.030
Yxy	50.1829, 0.3319, 0.3102
Android (android.graphics.Color)	4292326082 (0xFFD7B2C2)
YUV	190.8870, 1.5347, 21.1471
Hunter-Lab	70.8399, 11.2971, 1.1316

Details

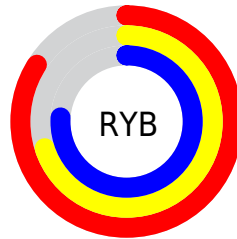
The XYZ color **53.6823, 50.1829, 57.8958** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.9713, 62.1906, 63.2479**, and the grayscale version is **49.4415, 52.0163, 56.6457**.

A 20% lighter version of the original color is **87.9181, 87.0078, 102.6029**, and **26.5644, 24.0343, 28.0499** is the 20% darker color. If you saturate the color by 10%, you get **48.4205, 41.7630, 49.6552**, and if you desaturate by 10%, it is **59.7300, 59.9931, 66.9550**.

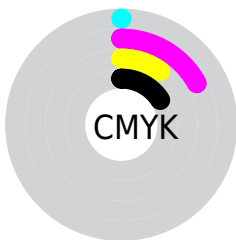
Distribution



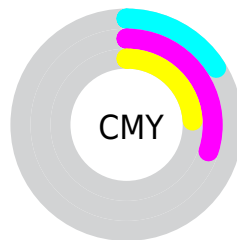
- Red (84%)
- Green (70%)
- Blue (76%)



- Red (84%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6823, 50.1829, 57.8958 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 53.6823, 50.1829, 57.8958 by changing the saturation by 10% instead.


 53.6823, 50.1829,
57.8958

 53.6823, 50.1829,
57.8958


391.1155,
387.3808, 434.3850

 38.5774, 35.5587,
41.3107

 94.7672, 90.4458,
103.2844

 26.6104, 24.0936,
28.2404


121.4780,
116.8534, 132.9250

 17.4159, 15.4031,
18.2664


152.7880,
147.9575, 167.7545

 10.6286, 9.1028,
10.9700

189.0628,
184.1426, 208.1915

 5.8831, 4.8083,
5.9327

230.6675,
225.7931, 254.6545

 2.8141, 2.1352,
2.7361

277.9677,

 1.0562, 0.6843,

273.2934, 307.5621

0.9615

331.3285,
327.0278, 367.3327

■ 0.0000, 0.0000,
0.0000

■ 53.6823, 50.1829,
57.8958

■ 53.6823, 50.1829,
57.8958

■ 48.4205, 41.7630,
49.6552

■ 59.7300, 59.9931,
66.9550

■ 43.9065, 34.6634,
42.2053

■ 66.5910, 71.2463,
76.8529

■ 40.1053, 28.8181,
35.5214

■ 74.2966, 84.0004,
87.6130

■ 36.9773, 24.1524,
29.5759

■ 79.9346, 92.4272,
98.2766

■ 34.4788, 20.5839,
24.3393

■ 81.8346, 93.1872,
108.2815

■ 32.5606, 18.0192,
19.7795

■ 31.1656, 16.3494,
15.8609

■ 30.2181, 15.4289,
12.5410

■ 29.9986, 15.2368,
11.7067

Harmonies

Analogous

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



52.2584, 50.1829, 66.3950



53.6823, 50.1829, 57.8958



53.4521, 50.1829, 49.3511

Triad

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



53.6823, 50.1829, 57.8958



45.8128, 50.1829, 40.2661



43.9587, 50.1829, 68.3116

Complementary

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



53.6823, 50.1829, 57.8958



52.9713, 62.1906, 63.2479

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.



42.3712, 50.1829, 60.2952



53.6823, 50.1829, 57.8958



43.4097, 50.1829, 44.3626

Square

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



53.6823, 50.1829, 57.8958



48.8208, 50.1829, 39.7703



42.1746, 50.1829, 51.5099



46.5912, 50.1829, 72.8205

Rectangle

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



53.6823, 50.1829, 57.8958



52.3940, 50.1829, 44.7425



42.1746, 50.1829, 51.5099



43.2901, 50.1829, 65.9005

Sweetspot

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



53.6837, 50.1851, 57.8969



89.9731, 91.6758, 101.5672



51.7323, 48.8871, 71.0001



19.1105, 19.3814, 21.5244



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.



53.6837, 50.1851, 57.8969



75.7683, 68.6580, 80.2099



52.4776, 50.4950, 49.1028



12.6440, 12.5091, 14.0653



17.9936, 9.1338, 7.2704



1.1264, 0.5673, 0.6548

Inverse Universe

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



53.6837, 50.1851, 57.8969



75.7683, 68.6580, 80.2099



54.3044, 61.7266, 73.3428



12.6440, 12.5091, 14.0653



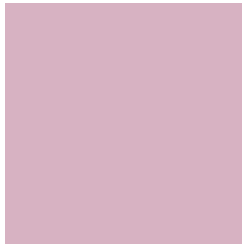
17.9936, 9.1338, 7.2704



1.1264, 0.5673, 0.6548

Previews

White Background



This preview shows how the XYZ color 53.6823, 50.1829, 57.8958 looks on a white background.

Color Contrast Check

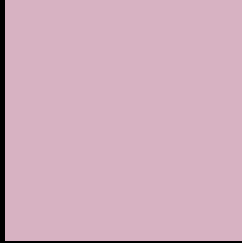
Large Text (above 18pt) WCAG AA × Fail

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 53.6823, 50.1829, 57.8958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

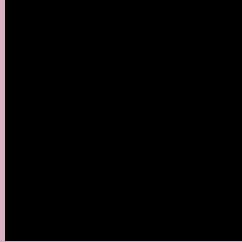
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6823, 50.1829, 57.8958

Background



This preview shows how black text looks on a background with the XYZ color 53.6823, 50.1829, 57.8958.



This preview shows how white text looks on a background with the XYZ color 53.6823, 50.1829,

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

53.6823, 50.1829, 57.8958

Protanopia

48.8182, 50.3555, 61.1794

Deuteranopia

51.2554, 50.1435, 57.4293



Tritanopia

53.4592, 50.0936, 56.7206

Trichromacy



Original Color

53.6823, 50.1829, 57.8958

Protanomaly

50.5072, 50.3180, 59.8736

Deuteranomaly

52.1619, 50.3079, 57.4132

Tritanomaly

53.5704, 50.1381, 57.3062

Monochromacy



Original Color

53.6823, 50.1829, 57.8958

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.8928, 51.2029, 57.0700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6823, 50.1829, 57.8958 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(215, 178, 194) looks like.

```
.text, #text, p{  
    color:rgb(215, 178, 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(215, 178, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 178, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.6823, 50.1829, 57.8958 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(215, 178, 194) }
```


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

```
.border{ border-color:rgb(215, 178, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 178, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 178, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 178, 194);  
box-shadow:4px 4px 4px 4px rgb(215, 178,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6823, 50.1829, 57.8958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 178, 194) }
```

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

```
.background{ background-color: rgb(215,  
178, 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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