

Converting Colors

XYZ(53.7531, 50.9333, 63.2603)

Have a look what the booklet for
XYZ(53.7531, 50.9333, 63.2603)
contains.

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Color

**XYZ(53.8817, 51.0612,
63.5158)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B5CB
RGB	210, 181, 203
RGB Percent	82%, 71%, 80%
CMY	0.1765, 0.2902, 0.2039
CMYK	0.00, 0.14, 0.03, 0.18
HSL	314°, 24%, 77%
HSV	314°, 14%, 82%
XYZ	53.8817, 51.0612, 63.5158
YIQ	192.1790, 10.2220, 12.9900

Conversions

Conversions Part 2

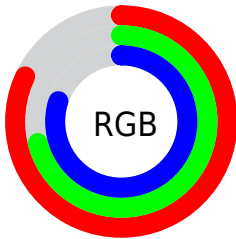
Format	Color
R _Y B	210, 181, 203
Decimal	13809099
CIE Lab	76.72, 14.17, -7.26
CIE LCh	77, 15.924, 332.895
Yxy	51.0612, 0.3199, 0.3031
Android (android.graphics.Color)	4291999179 (0xFFD2B5CB)
YUV	192.1790, 5.3348, 15.6290
Hunter-Lab	71.4571, 9.5466, -2.6809

Details

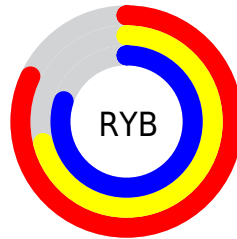
The XYZ color **53.8817, 51.0612, 63.5158** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1817, 59.5492, 56.3764**, and the grayscale version is **50.1744, 52.7873, 57.4854**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **26.6616, 24.5768, 31.7724** is the 20% darker color. If you saturate the color by 10%, you get **49.3355, 42.9192, 59.0686**, and if you desaturate by 10%, it is **59.0943, 60.5028, 68.2838**.

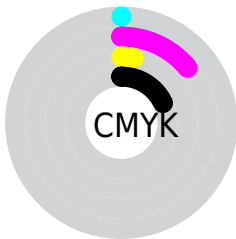
Distribution



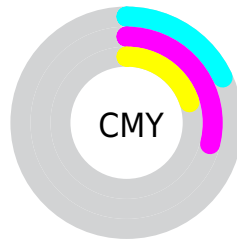
- Red (82%)
- Green (71%)
- Blue (80%)



- Red (82%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8817, 51.0612, 63.5158 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 53.8817, 51.0612, 63.5158 by changing the saturation by 10% instead.


 53.8817, 51.0612,
63.5158

 53.8817, 51.0612,
63.5158


391.8645,
390.8015, 455.5984

 38.7374, 36.2573,
45.8149


 95.0584, 91.7452,
111.5061

 26.7353, 24.6330,
31.7522


121.8216,
118.3942, 142.6325

 17.5101, 15.8038,
20.9090


153.1884,
149.7602, 179.0713

 10.6964, 9.3854,
12.8669

189.5241,
186.2278, 221.2409

 5.9288, 4.9934,
7.2073

231.1943,
228.1814, 269.5599

 2.8421, 2.2434,
3.5117

278.5642,

 1.0708, 0.7435,

276.0052, 324.4468

1.3615

331.9991,
330.0838, 386.3201

■ 0.0005, 0.0000,
0.1114

■ 0.0000, 0.0000,
0.0000

■ 53.8817, 51.0612,
63.5158

■ 53.8817, 51.0612,
63.5158

■ 49.3355, 42.9192,
59.0686

■ 59.0943, 60.5028,
68.2838

■ 45.4222, 36.0125,
54.9284

■ 64.9958, 71.2912,
73.3793

■ 42.1123, 30.2816,
51.0849

■ 71.6134, 83.4794,
78.8127

■ 39.3722, 25.6594,
47.5260

■ 75.6957, 90.5646,
83.5012

37.1645, 22.0717,
44.2384

76.3909, 90.8427,
87.1617

35.4476, 19.4356,
41.2071

77.1066, 91.1290,
90.9309

34.1734, 17.6551,
38.4151

77.8433, 91.4236,
94.8098

33.2838, 16.6142,
35.8421

78.6009, 91.7267,
98.7993

32.8631, 16.2156,
34.3373

79.3796, 92.0382,
102.9003

Harmonies

Analogous

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



51.7515, 51.0612, 70.7472



53.8817, 51.0612, 63.5158



54.5597, 51.0612, 54.7621

Triad

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



53.8817, 51.0612, 63.5158



48.2397, 51.0612, 40.5996



43.8221, 51.0612, 65.1174

Complementary

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



53.8817, 51.0612, 63.5158



51.1817, 59.5492, 56.3764

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.



42.9657, 51.0612, 56.4403



53.8817, 51.0612, 63.5158



45.4491, 51.0612, 42.7805

Square

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



53.8817, 51.0612, 63.5158



51.2237, 51.0612, 42.0797



43.5489, 51.0612, 48.3653



45.9366, 51.0612, 71.7372

Rectangle

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



53.8817, 51.0612, 63.5158



54.0751, 51.0612, 49.3804



43.5489, 51.0612, 48.3653



43.3816, 51.0612, 62.3145

Sweetspot

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



53.8832, 51.0634, 63.5169



91.4880, 93.5063, 105.7693



48.8405, 48.3652, 67.7348



19.4430, 19.7610, 22.5150



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.



53.8832, 51.0634, 63.5169



81.1066, 74.7364, 96.1651



52.2604, 50.4143, 54.9712



12.1837, 11.9582, 14.2432



20.0870, 9.9076, 21.1621



1.1532, 0.5660, 1.3414

Inverse Universe

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



53.8832, 51.0634, 63.5169



81.1066, 74.7364, 96.1651



52.7966, 60.1951, 64.8803



12.1837, 11.9582, 14.2432



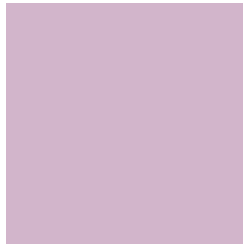
20.0870, 9.9076, 21.1621



1.1532, 0.5660, 1.3414

Previews

White Background



This preview shows how the XYZ color 53.8817, 51.0612, 63.5158 looks on a white background.

Color Contrast Check

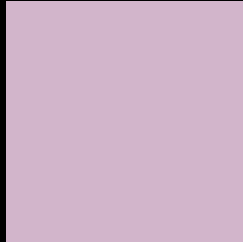
Large Text (above 18pt) WCAG AA × Fail

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 53.8817, 51.0612, 63.5158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

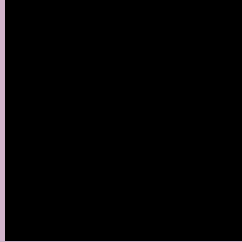
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8817, 51.0612, 63.5158

Background



This preview shows how black text looks on a background with the XYZ color 53.8817, 51.0612, 63.5158.



This preview shows how white text looks on a background with the XYZ color 53.8817, 51.0612,

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

53.8817, 51.0612, 63.5158

Protanopia

49.9847, 51.1628, 66.2724

Deuteranopia

52.1583, 51.1018, 62.9917



Tritanopia

52.9862, 50.9967, 59.2752

Trichromacy



Original Color

53.8817, 51.0612, 63.5158

Protanomaly

51.2545, 50.8899, 65.5139

Deuteranomaly

52.7710, 51.1104, 62.9611

Tritanomaly

53.3312, 51.1347, 61.0920

Monochromacy



Original Color

53.8817, 51.0612, 63.5158

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.5002, 52.0941, 59.5654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8817, 51.0612, 63.5158 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(210, 181, 203)` looks like.

```
.text, #text, p{  
    color:rgb(210, 181, 203)  
}
```

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(210, 181, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 181, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.8817, 51.0612, 63.5158 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(210, 181, 203) }
```


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

```
.border{ border-color:rgb(210, 181, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 181, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 181, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 181, 203);  
box-shadow:4px 4px 4px 4px rgb(210, 181,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8817, 51.0612, 63.5158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 181, 203) }
```

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

```
.background{ background-color: rgb(210,  
181, 203) }
```

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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