

Converting Colors

XYZ(53.5525, 51.7235, 63.0426)

Have a look what the booklet for
XYZ(53.5525, 51.7235, 63.0426)
contains.

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Color

**XYZ(53.5333, 51.8106,
63.0561)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB8CA
RGB	207, 184, 202
RGB Percent	81%, 72%, 79%
CMY	0.1882, 0.2784, 0.2078
CMYK	0.00, 0.11, 0.02, 0.19
HSL	313°, 19%, 77%
HSV	313°, 11%, 81%
XYZ	53.5333, 51.8106, 63.0561
YIQ	192.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

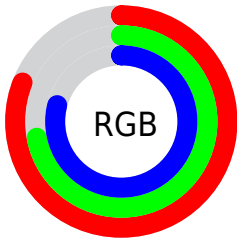
Format	Color
R _Y B	207, 184, 202
Decimal	13613258
CIE Lab	77.17, 11.34, -6.07
CIE LCh	77, 12.860, 331.820
Yxy	51.8106, 0.3179, 0.3077
Android (android.graphics.Color)	4291803338 (0xFFCFB8CA)
YUV	192.9290, 4.4720, 12.3403
Hunter-Lab	71.9796, 6.7914, -1.5540

Details

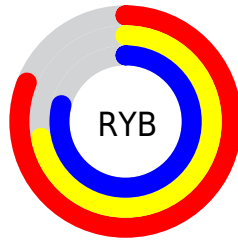
The XYZ color **53.5333, 51.8106, 63.0561** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2673, 58.4916, 56.7348**, and the grayscale version is **50.6194, 53.2555, 57.9953**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **26.5985, 25.1430, 31.4682** is the 20% darker color. If you saturate the color by 10%, you get **49.0194, 43.6225, 58.9609**, and if you desaturate by 10%, it is **58.6950, 61.2678, 67.4451**.

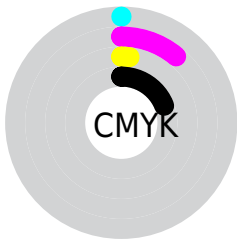
Distribution



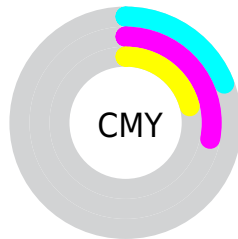
- Red (81%)
- Green (72%)
- Blue (79%)



- Red (81%)
- Yellow (72%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (19%)





- Cyan (19%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5333, 51.8106, 63.0561 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 53.5333, 51.8106, 63.0561 by changing the saturation by 10% instead.


 53.5333, 51.8106,
63.0561

 53.5333, 51.8106,
63.0561


390.5553,
393.7050, 453.8866

 38.4579, 36.8541,
45.4453

 94.5496, 92.8519,
110.8368

 26.5171, 25.0946,
31.4628


121.2211,
119.7054, 141.8438

 17.3456, 16.1475,
20.6901


152.4887,
151.2935, 178.1532

 10.5780, 9.6286,
12.7086

188.7177,
188.0004, 220.1837

 5.8490, 5.1534,
7.0999

230.2736,
230.2107, 268.3538

 2.7933, 2.3376,
3.4452

277.5215,

 1.0454, 0.7935,

278.3086, 323.0819

1.3262

330.8270,
332.6785, 384.7867

■ 0.0000, 0.0000,
0.0831

■ 0.0000, 0.0000,
0.0000

■ 53.5333, 51.8106,
63.0561

■ 53.5333, 51.8106,
63.0561

■ 49.0194, 43.6225,
58.9609

■ 58.6950, 61.2678,
67.4451

■ 45.1213, 36.6422,
55.1465

■ 64.5256, 72.0385,
72.1338

■ 41.8113, 30.8136,
51.6034

■ 71.0508, 84.1733,
77.1321

■ 39.0576, 26.0733,
48.3205

■ 74.4114, 89.9531,
81.1540

36.8253, 22.3518,
45.2855

75.0157, 90.1949,
84.3363

35.0757, 19.5718,
42.4848

75.6362, 90.4431,
87.6038

33.7642, 17.6445,
39.9029

76.2730, 90.6978,
90.9572

32.8379, 16.4644,
37.5213

76.9262, 90.9591,
94.3970

32.2536, 15.8740,
35.5436

77.5960, 91.2270,
97.9239

Harmonies

Analogous

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



51.7811, 51.8106, 68.7262



53.5333, 51.8106, 63.0561



54.1258, 51.8106, 55.9837

Triad

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



53.5333, 51.8106, 63.0561



49.0943, 51.8106, 43.9258



45.3330, 51.8106, 63.8623

Complementary

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



53.5333, 51.8106, 63.0561



51.2673, 58.4916, 56.7348

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.



44.6657, 51.8106, 56.8444



53.5333, 51.8106, 63.0561



46.7920, 51.8106, 45.6659

Square

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



53.5333, 51.8106, 63.0561



51.5125, 51.8106, 45.2931



45.1910, 51.8106, 50.2536



47.0440, 51.8106, 69.2183

Rectangle

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



53.5333, 51.8106, 63.0561



53.7681, 51.8106, 51.5253



45.1910, 51.8106, 50.2536



44.9818, 51.8106, 61.6003

Sweetspot

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



53.5348, 51.8129, 63.0572



92.3912, 95.1091, 106.6983



49.3872, 49.6052, 66.0041



19.6270, 20.0845, 22.7135



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.



53.5348, 51.8129, 63.0572



84.2325, 80.1873, 99.6763



52.2252, 51.2890, 56.1612



12.1962, 11.9632, 14.3088



20.3572, 10.0157, 22.5852



1.1662, 0.5712, 1.4102

Inverse Universe

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



53.5348, 51.8129, 63.0572



84.2325, 80.1873, 99.6763



52.5636, 59.0101, 63.5613



12.1962, 11.9632, 14.3088



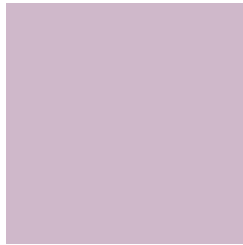
20.3572, 10.0157, 22.5852



1.1662, 0.5712, 1.4102

Previews

White Background



This preview shows how the XYZ color 53.5333, 51.8106, 63.0561 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 53.5333, 51.8106, 63.0561 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 53.5333, 51.8106, 63.0561

Background



This preview shows how black text looks on a background with the XYZ color 53.5333, 51.8106, 63.0561.



This preview shows how white text looks on a background with the XYZ color 53.5333, 51.8106,

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

53.5333, 51.8106, 63.0561

Protanopia

50.4522, 51.7501, 65.0873

Deuteranopia

52.9115, 51.7996, 63.0867



Tritanopia

53.3899, 52.0868, 61.2726

Trichromacy



Original Color

53.5333, 51.8106, 63.0561

Protanomaly

51.4344, 51.6360, 64.3826

Deuteranomaly

53.1865, 51.9413, 63.0996

Tritanomaly

53.5064, 52.1335, 61.8863

Monochromacy



Original Color

53.5333, 51.8106, 63.0561

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.6660, 52.8182, 59.6964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5333, 51.8106, 63.0561 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(207, 184, 202)` looks like.

```
.text, #text, p{  
    color:rgb(207, 184, 202)  
}
```

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(207, 184, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 184, 202) }
```

Border

The CSS property to change the border of an element to XYZ 53.5333, 51.8106, 63.0561 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(207, 184, 202) }
```


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

```
.border{ border-color:rgb(207, 184, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 184, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 184, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 184, 202);  
box-shadow:4px 4px 4px 4px rgb(207, 184,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5333, 51.8106, 63.0561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 184, 202) }
```

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

```
.background{ background-color: rgb(207,  
184, 202) }
```

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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