

Converting Colors

XYZ(54.5130, 51.9004, 68.1195)

Have a look what the booklet for
XYZ(54.5130, 51.9004, 68.1195)
contains.

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Color

**XYZ(54.5788, 51.9300,
68.1197)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B7D2
RGB	208, 183, 210
RGB Percent	82%, 72%, 82%
CMY	0.1843, 0.2823, 0.1765
CMYK	0.01, 0.13, 0.00, 0.18
HSL	296°, 23%, 77%
HSV	296°, 13%, 82%
XYZ	54.5788, 51.9300, 68.1197
YIQ	193.5530, 6.2330, 13.6970

Conversions

Conversions Part 2

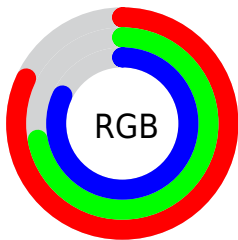
Format	Color
R _{YB}	208, 183, 210
Decimal	13678546
CIE Lab	77.24, 13.70, -10.30
CIE LCh	77, 17.137, 323.066
Yxy	51.9300, 0.3125, 0.2974
Android (android.graphics.Color)	4291868626 (0xFFD0B7D2)
YUV	193.5530, 8.1084, 12.6700
Hunter-Lab	72.0625, 9.0833, -5.6023

Details

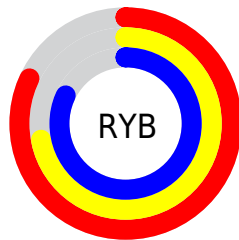
The XYZ color **54.5788, 51.9300, 68.1197** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **51.6033, 59.8277, 53.6304**, and the grayscale version is **50.9665, 53.6208, 58.3930**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **27.1203, 25.1379, 34.8752** is the 20% darker color. If you saturate the color by 10%, you get **50.1318, 43.6812, 66.7627**, and if you desaturate by 10%, it is **59.6794, 61.4779, 69.6946**.

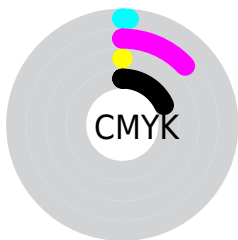
Distribution



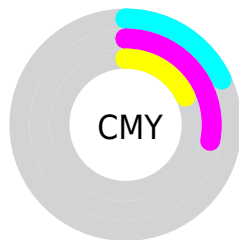
- Red (82%)
- Green (72%)
- Blue (82%)



- Red (82%)
- Yellow (72%)
- Blue (82%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5788, 51.9300, 68.1197 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 54.5788, 51.9300, 68.1197 by changing the saturation by 10% instead.

■ 54.5788, 51.9300,
68.1197

■ 54.5788, 51.9300,
68.1197

394.4758,
394.1663, 472.5296

■ 39.2971, 36.9493,
49.5278

■ 96.0755, 93.0280,
118.1792

■ 27.1727, 25.1682,
34.6698

123.0212,
119.9141, 150.4839

■ 17.8402, 16.2024,
23.1271

154.5856,
151.5374, 188.1966

■ 10.9343, 9.6675,
14.4812

191.1341,
188.2823, 231.7359

■ 6.0897, 5.1791,
8.3136

233.0320,
230.5333, 281.5203

■ 2.9409, 2.3527,
4.2056

280.6446,

■ 1.1226, 0.8014,

278.6747, 337.9684

1.7388

334.3375,
333.0909, 401.4986

■ 0.0439, 0.0000,
0.3871

■ 0.0000, 0.0000,
0.0000

■ 54.5788, 51.9300,
68.1197

■ 54.5788, 51.9300,
68.1197

■ 50.1318, 43.6812,
66.7627

■ 59.6794, 61.4779,
69.6946

■ 46.3052, 36.6678,
65.6106

■ 65.4558, 72.3718,
71.4929

■ 43.0699, 30.8308,
64.6545

■ 71.9347, 84.6644,
73.5241

■ 40.3927, 26.1035,
63.8831

■ 75.1899, 90.5030,
74.4795

■ 38.2370, 22.4128,
63.2844

■ 75.6467, 90.7385,
74.5009

■ 36.5616, 19.6767,
62.8446

■ 76.1079, 90.9763,
74.5225

■ 35.3195, 17.8007,
62.5479

■ 76.5734, 91.2163,
74.5442

■ 34.4539, 16.6714,
62.3756

■ 77.0433, 91.4585,
74.5662

■ 33.9958, 16.1816,
62.3052

■ 77.5176, 91.7030,
74.5884

Harmonies

Analogous

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



51.8732, 51.9300, 74.8652



54.5788, 51.9300, 68.1197



55.8947, 51.9300, 58.7543

Triad

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



54.5788, 51.9300, 68.1197



50.1241, 51.9300, 40.4250



43.7736, 51.9300, 63.9276

Complementary

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



54.5788, 51.9300, 68.1197



51.6033, 59.8277, 53.6304

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.



43.3517, 51.9300, 54.3878



54.5788, 51.9300, 68.1197



46.9253, 51.9300, 41.4842

Square

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



54.5788, 51.9300, 68.1197



53.2500, 51.9300, 43.2856



44.4811, 51.9300, 46.3582



45.6602, 51.9300, 72.2635

Rectangle

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



54.5788, 51.9300, 68.1197



55.7674, 51.9300, 52.5527



44.4811, 51.9300, 46.3582



43.4593, 51.9300, 60.7302

Sweetspot

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



54.5803, 51.9322, 68.1208



91.6045, 93.5208, 107.8310



48.5648, 49.5255, 67.9733



19.4726, 19.7647, 23.0386



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.



54.5803, 51.9322, 68.1208



83.0038, 77.4435, 105.1811



53.7933, 51.6828, 61.0230



12.2208, 11.9626, 14.9086



20.7740, 9.8897, 38.0065



1.1879, 0.5666, 2.1263

Inverse Universe

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



52.2706, 51.0737, 53.0046



78.8516, 75.9022, 77.9158



52.3425, 60.0681, 60.0238



11.8438, 11.8222, 12.4531



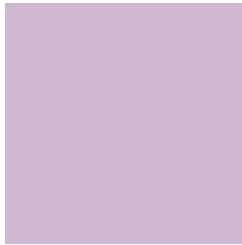
16.2816, 8.3855, 1.1234



0.9231, 0.4739, 0.1296

Previews

White Background



This preview shows how the XYZ color 54.5788, 51.9300, 68.1197 looks on a white background.

Color Contrast Check

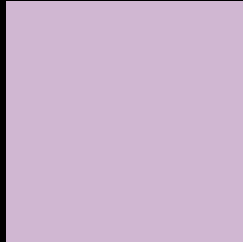
Large Text (above 18pt) WCAG AA × Fail

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 54.5788, 51.9300, 68.1197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

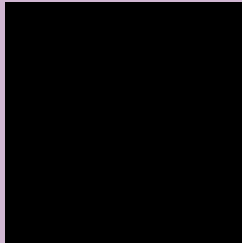
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5788, 51.9300, 68.1197

Background



This preview shows how black text looks on a background with the XYZ color 54.5788, 51.9300, 68.1197.



This preview shows how white text looks on a background with the XYZ color 54.5788, 51.9300,

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

54.5788, 51.9300, 68.1197

Protanopia

50.8287, 51.8150, 70.9407

Deuteranopia

53.1549, 52.1388, 67.5838



Tritanopia

53.1114, 51.9433, 61.2596

Trichromacy



Original Color

54.5788, 51.9300, 68.1197

Protanomaly

52.2862, 51.9468, 70.2218

Deuteranomaly

53.7594, 52.1387, 67.5520

Tritanomaly

53.6521, 51.8582, 63.6818

Monochromacy



Original Color

54.5788, 51.9300, 68.1197

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.3920, 53.1392, 62.1391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5788, 51.9300, 68.1197 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(208, 183, 210)` looks like.

```
.text, #text, p{  
    color:rgb(208, 183, 210)  
}
```

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(208, 183, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 183, 210) }
```

Border

The CSS property to change the border of an element to XYZ 54.5788, 51.9300, 68.1197 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(208, 183, 210) }
```


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

```
.border{ border-color:rgb(208, 183, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 183, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 183, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 183, 210);  
box-shadow:4px 4px 4px 4px rgb(208, 183,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5788, 51.9300, 68.1197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 183, 210) }
```

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

```
.background{ background-color: rgb(208,  
183, 210) }
```

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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