

Converting Colors

XYZ(54.5801, 50.7941, 64.6852)

Have a look what the booklet for
XYZ(54.5801, 50.7941, 64.6852)
contains.

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Color

**XYZ(54.5801, 50.7941,
64.6852)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B3CD
RGB	213, 179, 205
RGB Percent	84%, 70%, 80%
CMY	0.1647, 0.2980, 0.1961
CMYK	0.00, 0.16, 0.04, 0.16
HSL	314°, 29%, 77%
HSV	314°, 16%, 84%
XYZ	54.5801, 50.7941, 64.6852
YIQ	192.1300, 11.9180, 15.2940

Conversions

Conversions Part 2

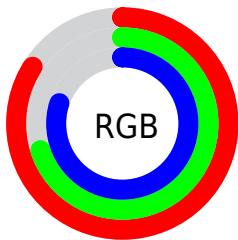
Format	Color
R _Y B	213, 179, 205
Decimal	14005197
CIE Lab	76.55, 16.65, -8.55
CIE LCh	77, 18.722, 332.813
Yxy	50.7941, 0.3209, 0.2987
Android (android.graphics.Color)	4292195277 (0xFFD5B3CD)
YUV	192.1300, 6.3449, 18.3030
Hunter-Lab	71.2700, 11.9767, -3.9231

Details

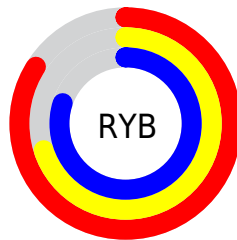
The XYZ color **54.5801, 50.7941, 64.6852** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.3563, 60.7614, 56.0378**, and the grayscale version is **50.1393, 52.7504, 57.4452**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **27.1473, 24.4252, 32.5619** is the 20% darker color. If you saturate the color by 10%, you get **50.0415, 42.6691, 60.2353**, and if you desaturate by 10%, it is **59.8005, 60.2501, 69.4592**.

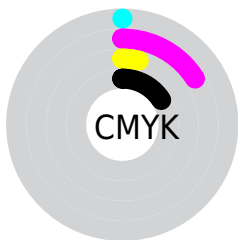
Distribution



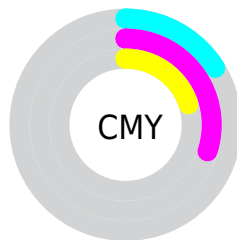
- Red (84%)
- Green (70%)
- Blue (80%)



- Red (84%)
- Yellow (70%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5801, 50.7941, 64.6852 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 54.5801, 50.7941, 64.6852 by changing the saturation by 10% instead.


 54.5801, 50.7941,
64.6852

 54.5801, 50.7941,
64.6852


394.4806,
389.7633, 459.9351

 39.2981, 36.0448,
46.7561

 96.0774, 91.3503,
113.2061

 27.1735, 24.4688,
32.4900


123.0234,
117.9261, 144.6350

 17.8408, 15.6817,
21.4681


154.5882,
149.2127, 181.4009

 10.9348, 9.2992,
13.2720

191.1371,
185.5946, 223.9225

 6.0900, 4.9369,
7.4832

233.0354,
227.4562, 272.6181

 2.9410, 2.2103,
3.6831

280.6485,

 1.1227, 0.7256,

275.1820, 327.9064

1.4532

334.3418,
329.1562, 390.2058

■ 0.0439, 0.0000,
0.1827

■ 0.0000, 0.0000,
0.0000

■ 54.5801, 50.7941,
64.6852

■ 54.5801, 50.7941,
64.6852

■ 50.0415, 42.6691,
60.2353

■ 59.8005, 60.2501,
69.4592

■ 46.1499, 35.8079,
56.0951

■ 65.7265, 71.0870,
74.5644

■ 42.8739, 30.1478,
52.2541

■ 72.3865, 83.3601,
80.0116

■ 40.1781, 25.6177,
48.6995

■ 76.7984, 91.1053,
84.8076

38.0231, 22.1393,
45.4171

77.4927, 91.3830,
88.4635

36.3644, 19.6241,
42.3913

78.2072, 91.6688,
92.2260

35.1504, 17.9691,
39.6038

78.9421, 91.9628,
96.0961

34.3170, 17.0462,
37.0324

79.6976, 92.2650,
100.0744

34.0408, 16.7863,
36.0390

80.4738, 92.5755,
104.1620

Harmonies

Analogous

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



52.0559, 50.7941, 73.3321



54.5801, 50.7941, 64.6852



55.3901, 50.7941, 54.3563

Triad

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



54.5801, 50.7941, 64.6852



47.9455, 50.7941, 38.0531



42.7882, 50.7941, 66.5394

Complementary

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



54.5801, 50.7941, 64.6852



51.3563, 60.7614, 56.0378

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.



41.8028, 50.7941, 56.2670



54.5801, 50.7941, 64.6852



44.6879, 50.7941, 40.5064

Square

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



54.5801, 50.7941, 64.6852



51.4508, 50.7941, 39.7352



42.4812, 50.7941, 46.8806



45.2389, 50.7941, 74.4911

Rectangle

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



54.5801, 50.7941, 64.6852



54.8184, 50.7941, 48.0969



42.4812, 50.7941, 46.8806



42.2802, 50.7941, 63.2020

Sweetspot

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



54.5816, 50.7963, 64.6863



90.6372, 91.9414, 105.0646



48.6097, 47.6032, 69.5779



19.2720, 19.4460, 22.3750



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.



54.5816, 50.7963, 64.6863



79.7122, 72.1752, 94.9988



52.6467, 50.0224, 54.4974



12.8222, 12.5804, 15.0041



20.8347, 10.2702, 22.2313



1.2876, 0.6318, 1.5039

Inverse Universe

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



54.5816, 50.7963, 64.6863



79.7122, 72.1752, 94.9988



53.2774, 61.5299, 66.1546



12.8222, 12.5804, 15.0041



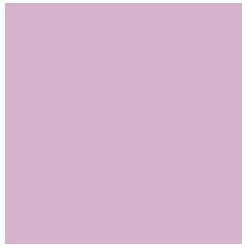
20.8347, 10.2702, 22.2313



1.2876, 0.6318, 1.5039

Previews

White Background



This preview shows how the XYZ color 54.5801, 50.7941, 64.6852 looks on a white background.

Color Contrast Check

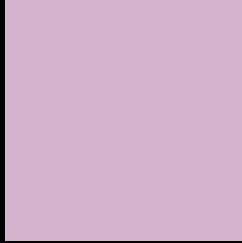
Large Text (above 18pt) WCAG AA × Fail

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 54.5801, 50.7941, 64.6852 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 54.5801, 50.7941, 64.6852

Background



This preview shows how black text looks on a background with the XYZ color 54.5801, 50.7941, 64.6852.



This preview shows how white text looks on a background with the XYZ color 54.5801, 50.7941,

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

54.5801, 50.7941, 64.6852

Protanopia

49.8658, 51.0587, 68.1999

Deuteranopia

52.1270, 51.0581, 64.2346



Tritanopia

53.5256, 50.9849, 58.6497

Trichromacy



Original Color

54.5801, 50.7941, 64.6852

Protanomaly

51.4991, 50.9878, 66.8018

Deuteranomaly

52.8039, 50.7947, 64.1480

Tritanomaly

53.7814, 50.7631, 60.9965

Monochromacy



Original Color

54.5801, 50.7941, 64.6852

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.6678, 51.8512, 60.1084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5801, 50.7941, 64.6852 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(213, 179, 205)` looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 205)  
}
```

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(213, 179, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 205) }
```

Border

The CSS property to change the border of an element to XYZ 54.5801, 50.7941, 64.6852 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(213, 179, 205) }
```


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

```
.border{ border-color:rgb(213, 179, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 179, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 179, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 179, 205);  
box-shadow:4px 4px 4px 4px rgb(213, 179,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5801, 50.7941, 64.6852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 205) }
```

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

```
.background{ background-color: rgb(213,  
179, 205) }
```

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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