

Converting Colors

XYZ(54.5693, 50.0812, 66.4302)

Have a look what the booklet for
XYZ(54.5693, 50.0812, 66.4302)
contains.

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Color

**XYZ(54.5479, 50.1445,
66.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B1D0
RGB	213, 177, 208
RGB Percent	84%, 69%, 82%
CMY	0.1647, 0.3059, 0.1843
CMYK	0.00, 0.17, 0.02, 0.16
HSL	308°, 30%, 76%
HSV	308°, 17%, 84%
XYZ	54.5479, 50.1445, 66.4784
YIQ	191.2980, 11.5050, 17.2730

Conversions

Conversions Part 2

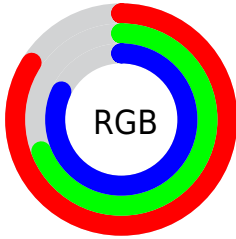
Format	Color
R_{YB}	213, 177, 208
Decimal	14004688
CIE _{Lab}	76.16, 18.28, -10.78
CIE _{LCh}	76, 21.220, 329.479
Yxy	50.1445, 0.3187, 0.2930
Android (android.graphics.Color)	4292194768 (0xFFD5B1D0)
YUV	191.2980, 8.2341, 19.0327
Hunter-Lab	70.8128, 13.5782, -6.0920

Details

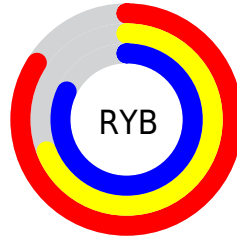
The XYZ color **54.5479, 50.1445, 66.4784** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.3712, 60.3145, 53.2458**, and the grayscale version is **49.6444, 52.2298, 56.8783**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **27.1409, 24.0175, 33.7772** is the 20% darker color. If you saturate the color by 10%, you get **50.3045, 42.2341, 63.2851**, and if you desaturate by 10%, it is **59.4577, 59.3753, 69.9285**.

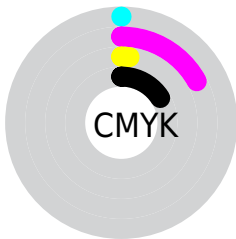
Distribution



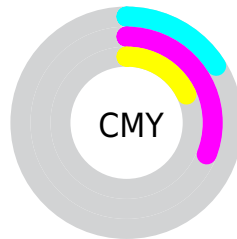
- Red (84%)
- Green (69%)
- Blue (82%)



- Red (84%)
- Yellow (69%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5479, 50.1445, 66.4784 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 54.5479, 50.1445, 66.4784 by changing the saturation by 10% instead.

■ 54.5479, 50.1445,
66.4784

■ 54.5479, 50.1445,
66.4784

394.3602,
387.2308, 466.5367

■ 39.2723, 35.5282,
48.2019

■ 96.0304, 90.3889,
115.8062

■ 27.1533, 24.0701,
33.6257

122.9681,
116.7859, 147.6947

■ 17.8256, 15.3856,
22.3312

154.5237,
147.8785, 184.9575

■ 10.9238, 9.0905,
13.8998

191.0628,
184.0512, 228.0133

■ 6.0825, 4.8002,
7.9131

232.9506,
225.6884, 277.2806

■ 2.9364, 2.1305,
3.9524

280.5526,

■ 1.1202, 0.6817,

273.1745, 333.1779

1.5993

334.2340,
326.8938, 396.1237

■ 0.0420, 0.0000,
0.2903

■ 0.0000, 0.0000,
0.0000

■ 54.5479, 50.1445,
66.4784

■ 54.5479, 50.1445,
66.4784

■ 50.3045, 42.2341,
63.2851

■ 59.4577, 59.3753,
69.9285

■ 46.6927, 35.5768,
60.3351

■ 65.0579, 69.9766,
73.6418

■ 43.6811, 30.1093,
57.6183

■ 71.3767, 82.0043,
77.6285

■ 41.2339, 25.7599,
55.1227

■ 76.0975, 90.8250,
81.1166

39.3116, 22.4495,
52.8347

76.4926, 90.9830,
83.1970

37.8693, 20.0887,
50.7394

76.8946, 91.1438,
85.3141

36.8547, 18.5726,
48.8190

77.3037, 91.3074,
87.4681

36.1991, 17.7643,
47.0506

77.7198, 91.4739,
89.6592

36.0314, 17.5825,
46.5206

78.1429, 91.6431,
91.8875

Harmonies

Analogous

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



51.5192, 50.1445, 75.9410



54.5479, 50.1445, 66.4784



55.7137, 50.1445, 54.7980

Triad

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



54.5479, 50.1445, 66.4784



47.7303, 50.1445, 35.5163



41.3161, 50.1445, 66.0862

Complementary

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



54.5479, 50.1445, 66.4784



50.3712, 60.3145, 53.2458

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.



40.4239, 50.1445, 54.4001



54.5479, 50.1445, 66.4784



44.0001, 50.1445, 37.6843

Square

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



54.5479, 50.1445, 66.4784



51.6460, 50.1445, 37.8399



41.3793, 50.1445, 44.2262



43.8862, 50.1445, 75.6934

Rectangle

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



54.5479, 50.1445, 66.4784



55.2303, 50.1445, 47.6246



41.3793, 50.1445, 44.2262



40.8166, 50.1445, 62.2227

Sweetspot

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



54.5494, 50.1467, 66.4795



90.8327, 92.0196, 106.0940



46.9788, 46.1717, 69.3877



19.3197, 19.4651, 22.6258



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.



54.5494, 50.1467, 66.4795



79.7631, 71.2178, 98.2808



52.4806, 49.3192, 55.5855



12.8754, 12.6016, 15.2840



22.0376, 10.7514, 28.5659



1.3501, 0.6568, 1.8330

Inverse Universe

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



54.5494, 50.1467, 66.4795



79.7631, 71.2178, 98.2808



52.3294, 61.0978, 63.5577



12.8754, 12.6016, 15.2840



22.0376, 10.7514, 28.5659



1.3501, 0.6568, 1.8330

Previews

White Background



This preview shows how the XYZ color 54.5479, 50.1445, 66.4784 looks on a white background.

Color Contrast Check

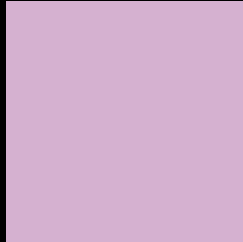
Large Text (above 18pt) WCAG AA × Fail

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 54.5479, 50.1445, 66.4784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

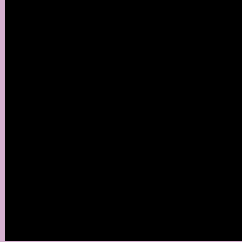
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5479, 50.1445, 66.4784

Background



This preview shows how black text looks on a background with the XYZ color 54.5479, 50.1445, 66.4784.



This preview shows how white text looks on a background with the XYZ color 54.5479, 50.1445,

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

54.5479, 50.1445, 66.4784

Protanopia

49.6751, 50.5860, 70.7643

Deuteranopia

51.4847, 50.3777, 66.0418



Tritanopia

52.6097, 49.9393, 57.3185

Trichromacy



Original Color

54.5479, 50.1445, 66.4784

Protanomaly

51.3228, 50.2225, 69.2763

Deuteranomaly

52.4150, 50.2493, 65.9680

Tritanomaly

53.2648, 49.9151, 60.2533

Monochromacy



Original Color

54.5479, 50.1445, 66.4784

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.1901, 51.2911, 60.0255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5479, 50.1445, 66.4784 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, 177, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 177, 208)  
}
```

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, 177, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 177, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.5479, 50.1445, 66.4784 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, 177, 208) }
```


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

```
.border{ border-color:rgb(213, 177, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 177, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 177, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 177, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 177,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5479, 50.1445, 66.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 177, 208) }
```

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

```
.background{ background-color: rgb(213,  
177, 208) }
```

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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