

Converting Colors

XYZ(50.2794, 38.5272, 64.4618)

Have a look what the booklet for
XYZ(50.2794, 38.5272, 64.4618)
contains.

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Color

**XYZ(50.2784, 38.5259,
64.4608)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8CD0
RGB	220, 140, 208
RGB Percent	86%, 55%, 82%
CMY	0.1373, 0.4510, 0.1843
CMYK	0.00, 0.36, 0.05, 0.14
HSL	309°, 53%, 71%
HSV	309°, 36%, 86%
XYZ	50.2784, 38.5259, 64.4608
YIQ	171.6720, 25.8520, 38.1080

Conversions

Conversions Part 2

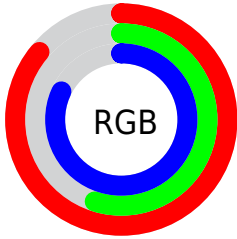
Format	Color
R _Y B	220, 140, 208
Decimal	14453968
CIE Lab	68.41, 40.55, -22.41
CIE LCh	68, 46.333, 331.079
Yxy	38.5259, 0.3280, 0.2514
Android (android.graphics.Color)	4292644048 (0xFFDC8CD0)
YUV	171.6720, 17.9097, 42.3837
Hunter-Lab	62.0692, 35.9705, -18.1260

Details

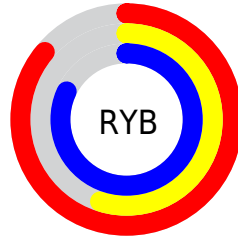
The XYZ color **50.2784, 38.5259, 64.4608** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.0775, 59.0300, 38.8843**, and the grayscale version is **38.9514, 40.9799, 44.6271**.

A 20% lighter version of the original color is **78.8051, 67.5102, 103.4850**, and **24.5493, 17.1719, 32.1576** is the 20% darker color. If you saturate the color by 10%, you get **46.9779, 32.5672, 61.3784**, and if you desaturate by 10%, it is **54.2324, 45.7766, 67.8035**.

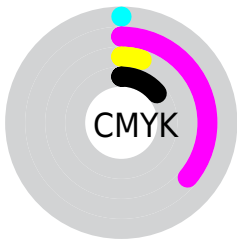
Distribution



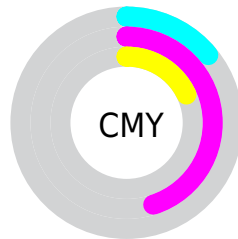
- Red (86%)
- Green (55%)
- Blue (82%)



- Red (86%)
- Yellow (55%)
- Blue (82%)



- Cyan (0%)
- Magenta (36%)
- Yellow (5%)
- Black (14%)





- Cyan (14%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2784, 38.5259, 64.4608 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 50.2784, 38.5259, 64.4608 by changing the saturation by 10% instead.


 50.2784, 38.5259,
64.4608

 50.2784, 38.5259,
64.4608


378.1877,
339.8706, 459.1048


 35.8534, 26.3911,
46.5754


 89.7766, 72.9135,
112.8801

 24.4905, 17.1165,
32.3482


 115.5804, 95.9351,
144.2512

 15.8246, 10.3176,
21.3606


 145.9079,
123.3544, 180.9545

 9.4902, 5.6100,
13.1940

181.1245,
155.5558, 223.4087

 5.1219, 2.6094,
7.4300

221.5953,
192.9238, 272.0323

 2.3545, 0.9314,
3.6499

267.6859,

 0.8223, 0.0000,

235.8426, 327.2439

1.4353

319.7616,
284.6968, 389.4618

■ 0.0000, 0.0000,
0.1691

■ 0.0000, 0.0000,
0.0000

■ 50.2784, 38.5259,
64.4608

■ 50.2784, 38.5259,
64.4608

■ 46.9779, 32.5672,
61.3784

■ 54.2324, 45.7766,
67.8035

■ 44.2886, 27.8184,
58.5408

■ 58.8717, 54.3849,
71.4161

■ 42.1692, 24.1959,
55.9344

■ 64.2301, 64.4179,
75.3107

■ 40.5714, 21.6033,
53.5428

■ 70.3385, 75.9370,
79.4977

39.4390, 19.9282,
51.3469

77.2256, 88.9997,
83.9869

38.7010, 19.0290,
49.3230

79.2516, 92.3262,
86.8986

38.4850, 18.8036,
48.6141

79.7137, 92.5111,
89.3322

80.1847, 92.6995,
91.8121

80.6644, 92.8914,
94.3385

Harmonies

Analogous

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



44.3246, 38.5259, 86.4701



50.2784, 38.5259, 64.4608



52.4616, 38.5259, 41.1985

Triad

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



50.2784, 38.5259, 64.4608



36.3550, 38.5259, 13.2879



25.8953, 38.5259, 66.2160

Complementary

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



50.2784, 38.5259, 64.4608



42.0775, 59.0300, 38.8843

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.



24.3358, 38.5259, 42.7069



50.2784, 38.5259, 64.4608



29.8603, 38.5259, 16.1398

Square

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



50.2784, 38.5259, 64.4608



43.8086, 38.5259, 15.7441



25.6869, 38.5259, 25.4022



30.2602, 38.5259, 87.6974

Rectangle

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



50.2784, 38.5259, 64.4608



51.2840, 38.5259, 29.1256



25.6869, 38.5259, 25.4022



25.0537, 38.5259, 58.0706

Sweetspot

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



50.2796, 38.5276, 64.4616



86.0753, 83.1228, 102.6028



35.2470, 30.6009, 71.7596



18.2059, 17.3840, 21.8025



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.



50.2796, 38.5276, 64.4616



66.4899, 47.0279, 86.5920



45.9626, 36.8008, 41.7284



13.5260, 13.2395, 16.0314



22.6192, 11.0487, 28.7043



1.4887, 0.7251, 1.9822

Inverse Universe

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



50.2796, 38.5276, 64.4616



66.4899, 47.0279, 86.5920



45.9243, 60.5687, 59.1411



13.5260, 13.2395, 16.0314



22.6192, 11.0487, 28.7043



1.4887, 0.7251, 1.9822

Previews

White Background



This preview shows how the XYZ color 50.2784, 38.5259, 64.4608 looks on a white background.

Color Contrast Check

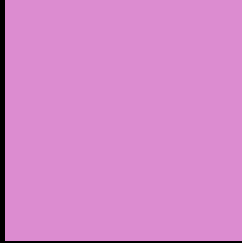
Large Text (above 18pt) WCAG AA × Fail

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 50.2784, 38.5259, 64.4608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

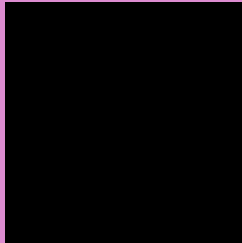
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2784, 38.5259, 64.4608

Background



This preview shows how black text looks on a background with the XYZ color 50.2784, 38.5259, 64.4608.



This preview shows how white text looks on a background with the XYZ color 50.2784, 38.5259,

64.4608.

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

50.2784, 38.5259, 64.4608

Protanopia

39.7603, 38.8853, 77.3615

Deuteranopia

39.6916, 38.9099, 62.5451



Tritanopia

44.9120, 38.3642, 38.7561

Trichromacy



Original Color

50.2784, 38.5259, 64.4608



Protanomaly

42.3538, 38.0054, 72.1213



Deuteranomaly

42.7484, 38.1648, 62.8711



Tritanomaly

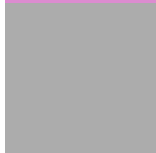
46.6337, 38.3711, 47.0680

Monochromacy



Original Color

50.2784, 38.5259, 64.4608



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

42.3140, 39.4632, 51.2859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2784, 38.5259, 64.4608 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(220, 140, 208)` looks like.

```
.text, #text, p{  
    color:rgb(220, 140, 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(220, 140, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 140, 208) }
```

Border

The CSS property to change the border of an element to XYZ 50.2784, 38.5259, 64.4608 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(220, 140, 208) }
```


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

```
.border{ border-color:rgb(220, 140, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 140, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 140, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 140, 208);  
box-shadow:4px 4px 4px 4px rgb(220, 140,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2784, 38.5259, 64.4608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 140, 208) }
```

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

```
.background{ background-color: rgb(220,  
140, 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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