

Converting Colors

XYZ(48.4065, 38.3029, 68.2089)

Have a look what the booklet for
XYZ(48.4065, 38.3029, 68.2089)
contains.

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Color

**XYZ(48.4054, 38.3569,
68.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	D190D6
RGB	209, 144, 214
RGB Percent	82%, 56%, 84%
CMY	0.1804, 0.4353, 0.1608
CMYK	0.02, 0.33, 0.00, 0.16
HSL	296°, 46%, 70%
HSV	296°, 33%, 84%
XYZ	48.4054, 38.3569, 68.4707
YIQ	171.4150, 16.2700, 35.5500

Conversions

Conversions Part 2

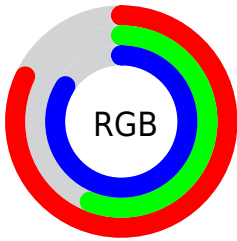
Format	Color
R _{YB}	209, 144, 214
Decimal	13734102
CIE Lab	68.28, 36.00, -26.03
CIE LCh	68, 44.428, 324.130
Yxy	38.3569, 0.3118, 0.2471
Android (android.graphics.Color)	4291924182 (0xFFD190D6)
YUV	171.4150, 20.9944, 32.9620
Hunter-Lab	61.9329, 31.1289, -22.1957

Details

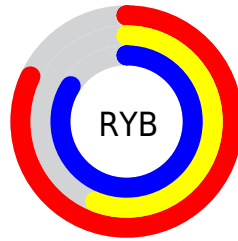
The XYZ color **48.4054, 38.3569, 68.4707** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.4763, 56.4972, 35.1065**, and the grayscale version is **38.8104, 40.8315, 44.4655**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **23.2220, 16.9298, 34.8447** is the 20% darker color. If you saturate the color by 10%, you get **45.0363, 32.2568, 67.4714**, and if you desaturate by 10%, it is **52.3955, 45.6912, 69.6766**.

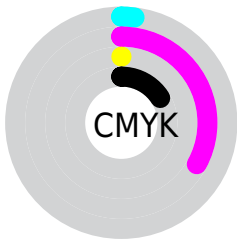
Distribution



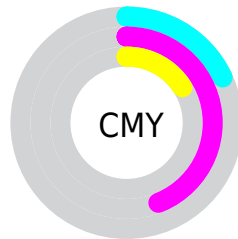
- Red (82%)
- Green (56%)
- Blue (84%)



- Red (82%)
- Yellow (56%)
- Blue (84%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)





- Cyan (18%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4054, 38.3569, 68.4707 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 48.4054, 38.3569, 68.4707 by changing the saturation by 10% instead.


 48.4054, 38.3569,
68.4707


 48.4054, 38.3569,
68.4707


370.9527,
339.1485, 473.8052

 34.3606, 26.2598,
49.8117


 87.0137, 72.6548,
118.6858

 23.3350, 17.0181,
34.8937


 112.3080, 95.6245,
151.0790

 14.9631, 10.2474,
23.2981


142.0829,
122.9871, 188.8874

 8.8796, 5.5633,
14.6064

176.7036,
155.1271, 232.5294

 4.7192, 2.5814,
8.4001

216.5356,
192.4288, 282.4237

 2.1165, 0.9173,
4.2606

261.9442,

 0.6982, 0.0000,

235.2767, 338.9887

1.7694

313.2948,
284.0551, 402.6430

■ 0.0000, 0.0000,
0.4076

■ 0.0000, 0.0000,
0.0000

■ 48.4054, 38.3569,
68.4707

■ 48.4054, 38.3569,
68.4707

■ 45.0363, 32.2568,
67.4714

■ 52.3955, 45.6912,
69.6766

■ 42.2496, 27.3161,
66.6646

■ 57.0349, 54.3187,
71.0974

■ 40.0082, 23.4601,
66.0385

■ 62.3547, 64.3009,
72.7438

■ 38.2693, 20.6029,
65.5786

■ 68.3829, 75.6937,
74.6251

■ 36.9836, 18.6459,
65.2686

■ 75.1460, 88.5498,
76.7501

■ 36.0915, 17.4702,
65.0887

■ 76.8626, 91.3071,
77.1918

■ 35.6158, 16.9585,
65.0150

■ 77.3223, 91.5440,
77.2133

■ 77.7863, 91.7832,
77.2350

■ 78.2544, 92.0245,
77.2570

Harmonies

Analogous

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



42.2030, 38.3569, 87.3845



48.4054, 38.3569, 68.4707



51.4466, 38.3569, 45.8056

Triad

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



48.4054, 38.3569, 68.4707



37.8422, 38.3569, 14.0730



25.5621, 38.3569, 59.4627

Complementary

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



48.4054, 38.3569, 68.4707



41.4763, 56.4972, 35.1065

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.



24.7048, 38.3569, 37.9677



48.4054, 38.3569, 68.4707



31.2579, 38.3569, 15.6522

Square

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



48.4054, 38.3569, 68.4707



44.8694, 38.3569, 17.7783



26.6570, 38.3569, 23.0996



29.1680, 38.3569, 81.1310

Rectangle

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



48.4054, 38.3569, 68.4707



51.0269, 38.3569, 33.0934



26.6570, 38.3569, 23.0996



24.9638, 38.3569, 51.8308

Sweetspot

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



48.4066, 38.3586, 68.4715



86.7810, 84.4519, 106.3347



34.5206, 32.5457, 68.0814



18.3441, 17.6445, 22.6889



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.



48.4066, 38.3586, 68.4715



68.5381, 50.7839, 100.7977



46.4454, 37.7401, 50.6447



12.8614, 12.5855, 15.6889



21.5647, 10.2695, 39.2988



1.3275, 0.6332, 2.3716

Inverse Universe

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



43.1309, 36.4143, 33.1908



59.6329, 47.5181, 40.5164



43.1085, 57.0470, 48.3605



12.4589, 12.4350, 13.0907



16.8295, 8.6681, 1.1405



1.0280, 0.5280, 0.1366

Previews

White Background



This preview shows how the XYZ color 48.4054, 38.3569, 68.4707 looks on a white background.

Color Contrast Check

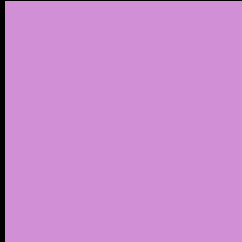
Large Text (above 18pt) WCAG AA × Fail

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 48.4054, 38.3569, 68.4707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

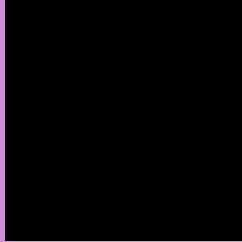
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4054, 38.3569, 68.4707

Background



This preview shows how black text looks on a background with the XYZ color 48.4054, 38.3569, 68.4707.



This preview shows how white text looks on a background with the XYZ color 48.4054, 38.3569,

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

48.4054, 38.3569, 68.4707

Protanopia

39.8107, 38.8633, 79.5319

Deuteranopia

39.4055, 38.6776, 66.3614



Tritanopia

42.7043, 38.3844, 40.7555

Trichromacy



Original Color

48.4054, 38.3569, 68.4707



Protanomaly

42.0891, 38.0418, 75.6455



Deuteranomaly

42.1749, 38.2821, 66.7943



Tritanomaly

44.6304, 38.2107, 49.8229

Monochromacy



Original Color

48.4054, 38.3569, 68.4707



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

41.7221, 39.3919, 52.4181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4054, 38.3569, 68.4707 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(209, 144, 214)` looks like.

```
.text, #text, p{  
    color:rgb(209, 144, 214)  
}
```

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(209, 144, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 144, 214) }
```

Border

The CSS property to change the border of an element to XYZ 48.4054, 38.3569, 68.4707 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(209, 144, 214) }
```


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

```
.border{ border-color:rgb(209, 144, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 144, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 144, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 144, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 144,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4054, 38.3569, 68.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 144, 214) }
```

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

```
.background{ background-color: rgb(209,  
144, 214) }
```

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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