

Converting Colors

XYZ(48.4144, 38.0918, 56.4437)

Have a look what the booklet for
XYZ(48.4144, 38.0918, 56.4437)
contains.

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Color

**XYZ(48.4368, 38.1916,
56.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	DA8EC3
RGB	218, 142, 195
RGB Percent	85%, 56%, 76%
CMY	0.1451, 0.4431, 0.2353
CMYK	0.00, 0.35, 0.11, 0.15
HSL	318°, 51%, 71%
HSV	318°, 35%, 85%
XYZ	48.4368, 38.1916, 56.4486
YIQ	170.7660, 28.2830, 32.5950

Conversions

Conversions Part 2

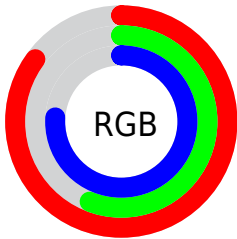
Format	Color
R_{YB}	218, 142, 195
Decimal	14323395
CIE _{Lab}	68.16, 36.61, -15.56
CIE _{LCh}	68, 39.781, 336.972
Yxy	38.1916, 0.3385, 0.2669
Android (android.graphics.Color)	4292513475 (0xFFDA8EC3)
YUV	170.7660, 11.9474, 41.4242
Hunter-Lab	61.7994, 31.7550, -10.8970

Details

The XYZ color **48.4368, 38.1916, 56.4486** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.0199, 58.6114, 44.6456**, and the grayscale version is **38.5244, 40.5307, 44.1379**.

A 20% lighter version of the original color is **78.7769, 68.2208, 101.1114**, and **23.3642, 16.9168, 27.2331** is the 20% darker color. If you saturate the color by 10%, you get **44.7755, 32.0362, 51.6288**, and if you desaturate by 10%, it is **52.7676, 45.6322, 61.6551**.

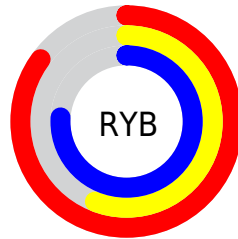
Distribution



Red (85%)

Green (56%)

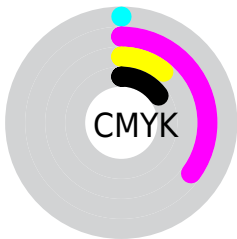
Blue (76%)



Red (85%)

Yellow (56%)

Blue (76%)

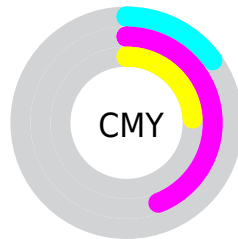


Cyan (0%)

Magenta (35%)

Yellow (11%)

Black (15%)



Cyan (15%)


Magenta (44%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4368, 38.1916, 56.4486 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 48.4368, 38.1916, 56.4486 by changing the saturation by 10% instead.


 48.4368, 38.1916,
56.4486


 48.4368, 38.1916,
56.4486

371.0747,
338.4412, 428.8156

 34.3856, 26.1314,
40.1563

 87.0602, 72.4017,
101.1525

 23.3543, 16.9220,
27.3457


 112.3631, 95.3204,
130.4012

 14.9775, 10.1789,
17.5983


142.1472,
122.6275, 164.8058

 8.8898, 5.5177,
10.4955

176.7780,
154.7072, 204.7847

 4.7259, 2.5541,
5.6189

216.6208,
191.9441, 250.7567

 2.1204, 0.9037,
2.5497

262.0410,

 0.7003, 0.0000,

234.7224, 303.1401

0.8663

313.4038,
283.4267, 362.3536

■ 0.0000, 0.0000,
0.0000

■ 48.4368, 38.1916,
56.4486

■ 48.4368, 38.1916,
56.4486

■ 44.7755, 32.0362,
51.6288

■ 52.7676, 45.6322,
61.6551

■ 41.7428, 27.0863,
47.1786

■ 57.7990, 54.4212,
67.2593

■ 39.2983, 23.2615,
43.0831


■ 63.5643, 64.6238,
73.2749


■ 37.3955, 20.4694,
39.3243


■ 70.0935, 76.2995,
79.7138


■ 35.9804, 18.6026,
35.8823


■ 77.4149, 89.5045,
86.5873


 34.9870, 17.5301,
32.7326

 79.6096, 92.3999,
91.9244

 34.5831, 17.1733,
31.2077

 80.5786, 92.7875,
97.0273

 81.5834, 93.1894,
102.3182

 82.6242, 93.6058,
107.7992

Harmonies

Analogous

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



43.9663, 38.1916, 75.3295



48.4368, 38.1916, 56.4486



49.4906, 38.1916, 37.5691

Triad

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



48.4368, 38.1916, 56.4486



34.8695, 38.1916, 16.0363



27.5707, 38.1916, 65.7315

Complementary

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



48.4368, 38.1916, 56.4486



43.0199, 58.6114, 44.6456

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.



25.6898, 38.1916, 45.8756



48.4368, 38.1916, 56.4486



29.5810, 38.1916, 19.8080

Square

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



48.4368, 38.1916, 56.4486



41.1746, 38.1916, 17.3821



26.3815, 38.1916, 29.5891



31.8261, 38.1916, 81.6690

Rectangle

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



48.4368, 38.1916, 56.4486



48.0169, 38.1916, 27.9209



26.3815, 38.1916, 29.5891



26.6633, 38.1916, 59.1051

Sweetspot

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



48.4380, 38.1933, 56.4494



86.2300, 84.3086, 99.9527



37.8051, 32.3879, 70.5893



18.2103, 17.6098, 21.1353



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.



48.4380, 38.1933, 56.4494



65.0778, 47.7139, 75.2996



44.6908, 36.6945, 36.7172



13.4378, 13.2042, 15.5666



20.7685, 10.3084, 18.9587



1.3830, 0.6829, 1.4260

Inverse Universe

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



48.4380, 38.1933, 56.4494



65.0778, 47.7139, 75.2996



46.9838, 60.1969, 65.5190



13.4378, 13.2042, 15.5666



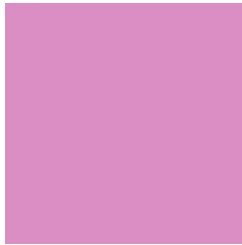
20.7685, 10.3084, 18.9587



1.3830, 0.6829, 1.4260

Previews

White Background



This preview shows how the XYZ color 48.4368, 38.1916, 56.4486 looks on a white background.

Color Contrast Check

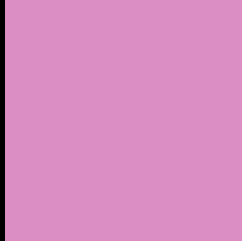
Large Text (above 18pt) WCAG AA × Fail

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 48.4368, 38.1916, 56.4486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

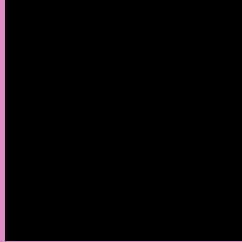
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4368, 38.1916, 56.4486

Background



This preview shows how black text looks on a background with the XYZ color 48.4368, 38.1916, 56.4486.



This preview shows how white text looks on a background with the XYZ color 48.4368, 38.1916,

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

48.4368, 38.1916, 56.4486

Protanopia

38.7306, 38.5820, 67.0338

Deuteranopia

39.1189, 38.2602, 54.6134



Tritanopia

44.8242, 38.3291, 38.2935

Trichromacy



Original Color

48.4368, 38.1916, 56.4486



Protanomaly

41.4365, 37.9867, 62.9058



Deuteranomaly

41.9748, 37.9398, 54.9800



Tritanomaly

45.8460, 38.0220, 44.4578

Monochromacy



Original Color

48.4368, 38.1916, 56.4486



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

41.5481, 39.1283, 48.5427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4368, 38.1916, 56.4486 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(218, 142, 195)` looks like.

```
.text, #text, p{  
    color:rgb(218, 142, 195)  
}
```

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(218, 142, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 142, 195) }
```

Border

The CSS property to change the border of an element to XYZ 48.4368, 38.1916, 56.4486 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(218, 142, 195) }
```


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

```
.border{ border-color:rgb(218, 142, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 142, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 142, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 142, 195);  
box-shadow:4px 4px 4px 4px rgb(218, 142,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4368, 38.1916, 56.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 142, 195) }
```

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

```
.background{ background-color: rgb(218,  
142, 195) }
```

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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