

Converting Colors

XYZ(47.6472, 40.5582, 59.0254)

Have a look what the booklet for
XYZ(47.6472, 40.5582, 59.0254)
contains.

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Color

**XYZ(47.4808, 40.4538,
58.7319)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9AC6
RGB	207, 154, 198
RGB Percent	81%, 60%, 78%
CMY	0.1882, 0.3961, 0.2235
CMYK	0.00, 0.26, 0.04, 0.19
HSL	310°, 36%, 71%
HSV	310°, 26%, 81%
XYZ	47.4808, 40.4538, 58.7319
YIQ	174.8630, 17.4640, 24.9200

Conversions

Conversions Part 2

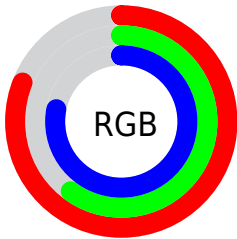
Format	Color
R _Y B	207, 154, 198
Decimal	13605574
CIE Lab	69.79, 26.94, -14.89
CIE LCh	70, 30.781, 331.073
Yxy	40.4538, 0.3237, 0.2758
Android (android.graphics.Color)	4291795654 (0xFFCF9AC6)
YUV	174.8630, 11.4065, 28.1841
Hunter-Lab	63.6033, 21.9471, -10.2266

Details

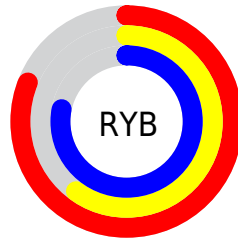
The XYZ color **47.4808, 40.4538, 58.7319** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.2518, 54.1413, 42.8762**, and the grayscale version is **40.6143, 42.7294, 46.5324**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **22.7343, 18.1918, 28.6987** is the 20% darker color. If you saturate the color by 10%, you get **43.9540, 34.0410, 55.5792**, and if you desaturate by 10%, it is **51.6086, 48.0521, 62.1323**.

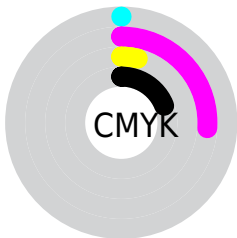
Distribution



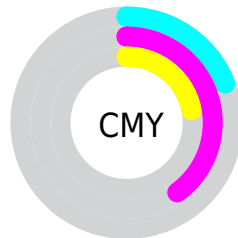
- Red (81%)
- Green (60%)
- Blue (78%)



- Red (81%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (19%)





- Cyan (19%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4808, 40.4538, 58.7319 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 47.4808, 40.4538, 58.7319 by changing the saturation by 10% instead.

 47.4808, 40.4538,
58.7319

 47.4808, 40.4538,
58.7319


367.3474,
348.0326, 437.5818

 33.6254, 27.8925,
41.9787

 85.6452, 75.8540,
104.5132

 22.7675, 18.2447,
28.7592


 110.6850, 99.4618,
134.3784

 14.5417, 11.1258,
18.6547


140.1837,
127.5206, 169.4514

 8.5826, 6.1515,
11.2468

174.5066,
160.4147, 210.1507

 4.5249, 2.9374,
6.1168

214.0190,
198.5285, 256.8949

 2.0031, 1.0992,
2.8463

259.0864,

 0.6357, 0.0000,

242.2465, 310.1024

1.0167

310.0741,
291.9531, 370.1919

■ 0.0000, 0.0000,
0.0000

■ 47.4808, 40.4538,
58.7319

■ 47.4808, 40.4538,
58.7319

■ 43.9540, 34.0410,
55.5792

■ 51.6086, 48.0521,
62.1323

■ 40.9942, 28.7480,
52.6611

■ 56.3618, 56.8868,
65.7875

■ 38.5697, 24.5107,
49.9673

■ 61.7680, 67.0122,
69.7074

■ 36.6441, 21.2562,
47.4853

■ 67.8519, 78.4779,
73.9006

■ 35.1762, 18.9027,
45.2010

■ 73.8327, 89.7217,
78.1070

■ 34.1185, 17.3549,
43.0984

■ 74.2911, 89.9050,
80.5206

■ 33.4122, 16.4956,
41.1574

■ 74.7592, 90.0923,
82.9857

■ 33.1641, 16.2382,
40.3386

■ 75.2372, 90.2835,
85.5026

■ 75.7250, 90.4786,
88.0716

Harmonies

Analogous

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



43.6216, 40.4538, 72.0471



47.4808, 40.4538, 58.7319



48.8711, 40.4538, 43.5346

Triad

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



47.4808, 40.4538, 58.7319



38.2707, 40.4538, 21.8775



30.7987, 40.4538, 59.8186

Complementary

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



47.4808, 40.4538, 58.7319



42.2518, 54.1413, 42.8762

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.



29.6270, 40.4538, 44.5641



47.4808, 40.4538, 58.7319



33.7044, 40.4538, 24.4433

Square

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



47.4808, 40.4538, 58.7319



43.2839, 40.4538, 24.0974



30.6439, 40.4538, 32.0403



33.9903, 40.4538, 72.7641

Rectangle

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



47.4808, 40.4538, 58.7319



48.1235, 40.4538, 34.8817



30.6439, 40.4538, 32.0403



30.1686, 40.4538, 54.6925

Sweetspot

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



47.4820, 40.4556, 58.7328



88.3311, 87.4467, 103.9333



37.8900, 35.3872, 63.8658



18.6524, 18.2443, 22.0527



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.



47.4820, 40.4556, 58.7328



72.7187, 58.6763, 91.1630



44.7036, 39.3442, 44.1019



12.2210, 11.9731, 14.4396



20.9252, 10.2429, 25.5761



1.1934, 0.5821, 1.5531

Inverse Universe

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



47.4820, 40.4556, 58.7328



72.7187, 58.6763, 91.1630



44.8623, 55.1855, 56.6228



12.2210, 11.9731, 14.4396



20.9252, 10.2429, 25.5761



1.1934, 0.5821, 1.5531

Previews

White Background



This preview shows how the XYZ color 47.4808, 40.4538, 58.7319 looks on a white background.

Color Contrast Check

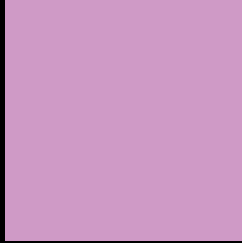
Large Text (above 18pt) WCAG AA × Fail

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 47.4808, 40.4538, 58.7319 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 47.4808, 40.4538, 58.7319

Background



This preview shows how black text looks on a background with the XYZ color 47.4808, 40.4538, 58.7319.



This preview shows how white text looks on a background with the XYZ color 47.4808, 40.4538,

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

47.4808, 40.4538, 58.7319

Protanopia

40.4734, 40.6114, 65.3801

Deuteranopia

41.6870, 40.8531, 57.9128



Tritanopia

44.3774, 40.4331, 43.9935

Trichromacy



Original Color

47.4808, 40.4538, 58.7319

Protanomaly

42.5346, 40.3755, 62.6782

Deuteranomaly

43.4919, 40.4367, 58.3361

Tritanomaly

45.2993, 40.2875, 49.1048

Monochromacy



Original Color

47.4808, 40.4538, 58.7319

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.8595, 41.6211, 50.5745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4808, 40.4538, 58.7319 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(207, 154, 198)` looks like.

```
.text, #text, p{  
    color:rgb(207, 154, 198)  
}
```

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(207, 154, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 154, 198) }
```

Border

The CSS property to change the border of an element to XYZ 47.4808, 40.4538, 58.7319 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(207, 154, 198) }
```


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

```
.border{ border-color:rgb(207, 154, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 154, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 154, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 154, 198);  
box-shadow:4px 4px 4px 4px rgb(207, 154,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4808, 40.4538, 58.7319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 154, 198) }
```

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

```
.background{ background-color: rgb(207,  
154, 198) }
```

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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