

Converting Colors

XYZ(47.8499, 39.2568, 58.4091)

Have a look what the booklet for
XYZ(47.8499, 39.2568, 58.4091)
contains.

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Color

**XYZ(47.9343, 39.2541,
58.4765)**

Conversions

Conversions Part 1

Format	Color
Hex	D494C6
RGB	212, 148, 198
RGB Percent	83%, 58%, 78%
CMY	0.1686, 0.4196, 0.2235
CMYK	0.00, 0.30, 0.07, 0.17
HSL	313°, 43%, 71%
HSV	313°, 30%, 83%
XYZ	47.9343, 39.2541, 58.4765
YIQ	172.8360, 22.0940, 29.1180

Conversions

Conversions Part 2

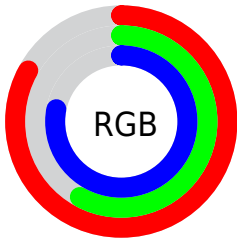
Format	Color
R_{YB}	212, 148, 198
Decimal	13931718
CIE _{Lab}	68.93, 31.89, -16.13
CIE _{LCh}	69, 35.738, 333.172
Yxy	39.2541, 0.3291, 0.2695
Android (android.graphics.Color)	4292121798 (0xFFD494C6)
YUV	172.8360, 12.4059, 34.3468
Hunter-Lab	62.6531, 26.9229, -11.4804

Details

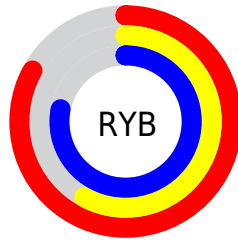
The XYZ color **47.9343, 39.2541, 58.4765** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.2794, 55.9926, 42.7641**, and the grayscale version is **39.5690, 41.6296, 45.3347**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **22.9272, 17.4473, 28.5448** is the 20% darker color. If you saturate the color by 10%, you get **44.3821, 32.9921, 54.6937**, and if you desaturate by 10%, it is **52.1143, 46.7441, 62.5503**.

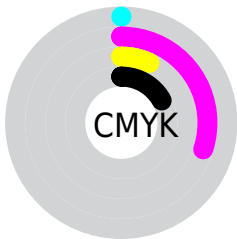
Distribution



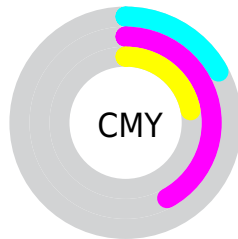
- Red (83%)
- Green (58%)
- Blue (78%)



- Red (83%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (17%)





- Cyan (17%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9343, 39.2541, 58.4765 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 47.9343, 39.2541, 58.4765 by changing the saturation by 10% instead.


 47.9343, 39.2541,
58.4765

 47.9343, 39.2541,
58.4765

369.1186,
342.9696, 436.6069

 33.9859, 26.9575,
41.7746


 86.3169, 74.0263,
104.1381

 23.0456, 17.5413,
28.6006


 111.4817, 97.2707,
133.9348

 14.7481, 10.6212,
18.5359


141.1161,
124.9331, 168.9336

 8.7279, 5.8127,
11.1620

175.5854,
157.3980, 209.5529

 4.6198, 2.7315,
6.0604

215.2550,
195.0497, 256.2114

 2.0584, 0.9932,
2.8124

260.4901,

 0.6665, 0.0000,

238.2726, 309.3275

0.9997

311.6562,
287.4511, 369.3198

■ 0.0000, 0.0000,
0.0000

■ 47.9343, 39.2541,
58.4765

■ 47.9343, 39.2541,
58.4765

■ 44.3821, 32.9921,
54.6937

■ 52.1143, 46.7441,
62.5503

■ 41.4206, 27.8862,
51.1874

■ 56.9493, 55.5184,
66.9235

■ 39.0144, 23.8652,
47.9457

■ 62.4695, 65.6362,
71.6073

■ 37.1228, 20.8478,
44.9541

■ 68.7017, 77.1514,
76.6114

■ 35.6992, 18.7412,
42.1965

■ 75.6717, 90.1149,
81.9450

■ 34.6884, 17.4352,
39.6537

■ 76.6155, 90.9987,
85.3541

■ 34.0000, 16.7365,
37.3337

■ 77.2601, 91.2565,
88.7484

■ 77.9220, 91.5213,
92.2341

■ 78.6014, 91.7931,
95.8117

Harmonies

Analogous

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



43.6133, 39.2541, 74.6489



47.9343, 39.2541, 58.4765



49.3175, 39.2541, 41.0328

Triad

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



47.9343, 39.2541, 58.4765



36.7085, 39.2541, 18.4915



28.8910, 39.2541, 62.2510

Complementary

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



47.9343, 39.2541, 58.4765



42.2794, 55.9926, 42.7641

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.



27.4289, 39.2541, 44.4960



47.9343, 39.2541, 58.4765



31.6450, 39.2541, 21.5344

Square

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



47.9343, 39.2541, 58.4765



42.4616, 39.2541, 20.4565



28.3841, 39.2541, 30.1166



32.5926, 39.2541, 77.1884

Rectangle

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



47.9343, 39.2541, 58.4765



48.2833, 39.2541, 31.5723



28.3841, 39.2541, 30.1166



28.1393, 39.2541, 56.2748

Sweetspot

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



47.9355, 39.2559, 58.4773



87.3628, 85.9022, 102.4018



37.3486, 33.6028, 66.8055



18.4508, 17.9332, 21.7013



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.



47.9355, 39.2559, 58.4773



69.3562, 53.5189, 85.2095



44.6379, 37.9368, 41.1123



12.8313, 12.5840, 15.0519



21.0284, 10.3477, 23.2515



1.2978, 0.6359, 1.5576

Inverse Universe

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



47.9355, 39.2559, 58.4773



69.3562, 53.5189, 85.2095



45.4802, 57.2729, 59.6194



12.8313, 12.5840, 15.0519



21.0284, 10.3477, 23.2515



1.2978, 0.6359, 1.5576

Previews

White Background



This preview shows how the XYZ color 47.9343, 39.2541, 58.4765 looks on a white background.

Color Contrast Check

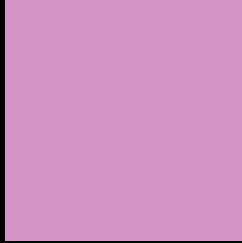
Large Text (above 18pt) WCAG AA × Fail

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 47.9343, 39.2541, 58.4765 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 47.9343, 39.2541, 58.4765

Background



This preview shows how black text looks on a background with the XYZ color 47.9343, 39.2541, 58.4765.



This preview shows how white text looks on a background with the XYZ color 47.9343, 39.2541,

58.4765.

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

47.9343, 39.2541, 58.4765

Protanopia

39.6771, 39.6097, 67.1822

Deuteranopia

40.1390, 39.2617, 57.0925



Tritanopia

44.4510, 39.2743, 41.3143

Trichromacy



Original Color

47.9343, 39.2541, 58.4765



Protanomaly

42.0715, 39.0628, 63.7150



Deuteranomaly

42.6842, 39.0040, 57.5034



Tritanomaly

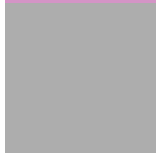
45.5586, 39.2261, 47.2897

Monochromacy



Original Color

47.9343, 39.2541, 58.4765



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

42.2125, 40.4931, 49.8471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9343, 39.2541, 58.4765 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(212, 148, 198)` looks like.

```
.text, #text, p{  
    color:rgb(212, 148, 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(212, 148, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 148, 198) }
```

Border

The CSS property to change the border of an element to XYZ 47.9343, 39.2541, 58.4765 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(212, 148, 198) }
```


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

```
.border{ border-color:rgb(212, 148, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 148, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 148, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 148, 198);  
box-shadow:4px 4px 4px 4px rgb(212, 148,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9343, 39.2541, 58.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 148, 198) }
```

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

```
.background{ background-color: rgb(212,  
148, 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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