

Converting Colors

XYZ(39.3048, 33.4922, 47.7061)

Have a look what the booklet for
XYZ(39.3048, 33.4922, 47.7061)
contains.

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Color

**XYZ(39.2490, 33.4214,
47.5623)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8DB4
RGB	191, 141, 180
RGB Percent	75%, 55%, 71%
CMY	0.2510, 0.4470, 0.2941
CMYK	0.00, 0.26, 0.06, 0.25
HSL	313°, 28%, 65%
HSV	313°, 26%, 75%
XYZ	39.2490, 33.4214, 47.5623
YIQ	160.3960, 17.2810, 22.7290

Conversions

Conversions Part 2

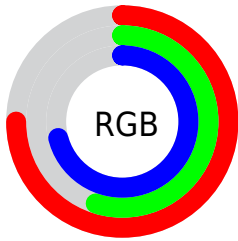
Format	Color
R _Y B	191, 141, 180
Decimal	12553652
CIE Lab	64.50, 25.35, -12.96
CIE LCh	65, 28.468, 332.927
Yxy	33.4214, 0.3264, 0.2780
Android (android.graphics.Color)	4290743732 (0xFFBF8DB4)
YUV	160.3960, 9.6648, 26.8397
Hunter-Lab	57.8112, 20.0169, -8.3110

Details

The XYZ color **39.2490, 33.4214, 47.5623** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.2842, 45.1924, 36.5712**, and the grayscale version is **33.5484, 35.2955, 38.4368**.

A 20% lighter version of the original color is **73.3668, 65.0428, 88.0445**, and **17.8035, 14.1630, 21.8741** is the 20% darker color. If you saturate the color by 10%, you get **36.2505, 28.0987, 44.4827**, and if you desaturate by 10%, it is **42.7482, 39.7236, 50.8736**.

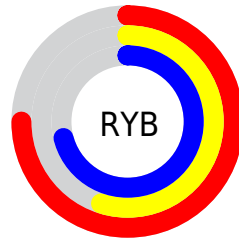
Distribution



Red (75%)

Green (55%)

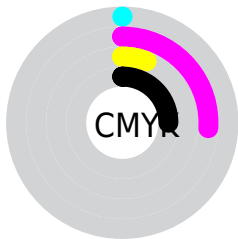
Blue (71%)



Red (75%)

Yellow (55%)

Blue (71%)

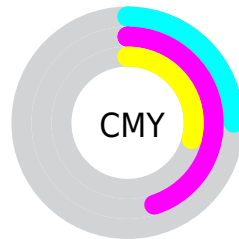


Cyan (0%)

Magenta (26%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2490, 33.4214, 47.5623 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 39.2490, 33.4214, 47.5623 by changing the saturation by 10% instead.


 39.2490, 33.4214,
47.5623


 39.2490, 33.4214,
47.5623


334.1369,
317.5443, 393.5131


 27.1351, 22.4495,
33.1229


 73.3102, 65.0329,
87.9111

 17.8118, 14.1875,
21.9487


 95.9882, 86.4412,
114.6576

 10.9138, 8.2512,
13.6213


 122.9182,
112.0971, 146.3434

 6.0758, 4.2561,
7.7220

154.4657,
142.3850, 183.3873

 2.9323, 1.8178,
3.8324

190.9960,
177.6893, 226.2076

 1.1181, 0.4983,
1.5338

232.8743,

 0.0402, 0.0000,

218.3943, 275.2230

0.2429

280.4662,
264.8846, 330.8520

■ 0.0000, 0.0000,
0.0000

■ 39.2490, 33.4214,
47.5623

■ 39.2490, 33.4214,
47.5623

■ 36.2505, 28.0987,
44.4827

■ 42.7482, 39.7236,
50.8736

■ 33.7246, 23.7011,
41.6238

■ 46.7682, 47.0472,
54.4227

■ 31.6451, 20.1759,
38.9766

■ 51.3320, 55.4369,
58.2182

■ 29.9818, 17.4630,
36.5305

■ 56.4599, 64.9338,
62.2674

■ 28.7009, 15.4948,
34.2737

■ 62.1714, 75.5763,
66.5774

■ 27.7630, 14.1927,
32.1923

■ 68.2917, 87.0147,
71.0904

■ 27.1176, 13.4559,
30.2691

■ 68.8067, 87.2207,
73.8022

■ 26.9091, 13.2457,
29.5623

■ 69.3354, 87.4322,
76.5864

■ 69.8779, 87.6492,
79.4434

Harmonies

Analogous

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



36.2084, 33.4214, 58.6068



39.2490, 33.4214, 47.5623



40.2318, 33.4214, 35.2587

Triad

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



39.2490, 33.4214, 47.5623



31.3684, 33.4214, 18.2954



25.6449, 33.4214, 49.9695

Complementary

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



39.2490, 33.4214, 47.5623



35.2842, 45.1924, 36.5712

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.



24.5799, 33.4214, 37.5458



39.2490, 33.4214, 47.5623



27.7027, 33.4214, 20.6453

Square

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



39.2490, 33.4214, 47.5623



35.4590, 33.4214, 19.8715



25.3003, 33.4214, 27.1208



28.3388, 33.4214, 60.1920

Rectangle

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



39.2490, 33.4214, 47.5623



39.5249, 33.4214, 28.3456



25.3003, 33.4214, 27.1208



25.0955, 33.4214, 45.8289

Sweetspot

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



39.2500, 33.4229, 47.5630



82.2815, 81.5548, 96.1959



31.8480, 29.4724, 53.3011



17.8200, 17.4553, 20.9077



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2500, 33.4229, 47.5630



67.3326, 54.5798, 82.2022



36.9424, 32.4998, 35.4113



9.8377, 9.6594, 11.5341



17.7151, 8.7172, 19.5911



0.7166, 0.3505, 0.8868

Inverse Universe

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



39.2500, 33.4229, 47.5630



67.3326, 54.5798, 82.2022



37.5358, 46.0931, 48.4276



9.8377, 9.6594, 11.5341



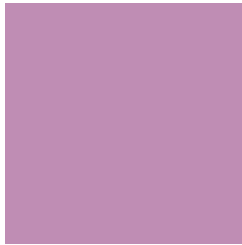
17.7151, 8.7172, 19.5911



0.7166, 0.3505, 0.8868

Previews

White Background



This preview shows how the XYZ color 39.2490, 33.4214, 47.5623 looks on a white background.

Color Contrast Check

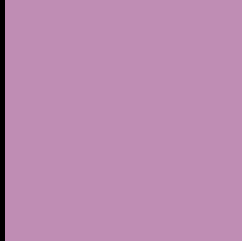
Large Text (above 18pt) WCAG AA × Fail

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 39.2490, 33.4214, 47.5623 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 39.2490, 33.4214, 47.5623

Background



This preview shows how black text looks on a background with the XYZ color 39.2490, 33.4214, 47.5623.



This preview shows how white text looks on a background with the XYZ color 39.2490, 33.4214,

47.5623.

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

39.2490, 33.4214, 47.5623

Protanopia

33.4100, 33.5500, 53.4301

Deuteranopia

34.3274, 33.6782, 46.8108



Tritanopia

36.8652, 33.3425, 35.9452

Trichromacy



Original Color

39.2490, 33.4214, 47.5623

Protanomaly

35.0791, 33.2504, 51.0235

Deuteranomaly

36.1177, 33.6338, 47.2362

Tritanomaly

37.7511, 33.4819, 40.0703

Monochromacy



Original Color

39.2490, 33.4214, 47.5623

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.1609, 34.2304, 41.3132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2490, 33.4214, 47.5623 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(191, 141, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 141, 180)  
}
```

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(191, 141, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 141, 180) }
```

Border

The CSS property to change the border of an element to XYZ 39.2490, 33.4214, 47.5623 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(191, 141, 180) }
```


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

```
.border{ border-color:rgb(191, 141, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 141, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 141, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 141, 180);  
box-shadow:4px 4px 4px 4px rgb(191, 141,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2490, 33.4214, 47.5623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 141, 180) }
```

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

```
.background{ background-color: rgb(191,  
141, 180) }
```

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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