

Converting Colors

XYZ(39.3011, 34.5355, 46.1751)

Have a look what the booklet for
XYZ(39.3011, 34.5355, 46.1751)
contains.

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Color

**XYZ(39.4499, 34.6792,
46.2095)**

Conversions

Conversions Part 1

Format	Color
Hex	BE92B1
RGB	190, 146, 177
RGB Percent	75%, 57%, 69%
CMY	0.2549, 0.4274, 0.3059
CMYK	0.00, 0.23, 0.07, 0.25
HSL	318°, 25%, 66%
HSV	318°, 23%, 75%
XYZ	39.4499, 34.6792, 46.2095
YIQ	162.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

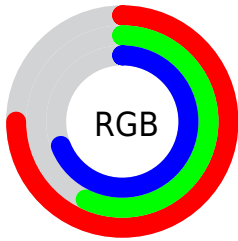
Format	Color
R_{YB}	190, 146, 177
Decimal	12489393
CIE _{Lab}	65.50, 21.68, -9.78
CIE _{LCh}	65, 23.789, 335.714
Yxy	34.6792, 0.3278, 0.2882
Android (android.graphics.Color)	4290679473 (0xFFBE92B1)
YUV	162.6900, 7.0548, 23.9509
Hunter-Lab	58.8890, 16.5217, -5.3018

Details

The XYZ color **39.4499, 34.6792, 46.2095** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.5269, 45.4421, 39.6489**, and the grayscale version is **34.6299, 36.4334, 39.6759**.

A 20% lighter version of the original color is **73.7200, 66.9659, 86.1310**, and **17.8836, 14.8739, 20.9972** is the 20% darker color. If you saturate the color by 10%, you get **36.2130, 29.0822, 42.4265**, and if you desaturate by 10%, it is **43.1986, 41.2620, 50.2775**.

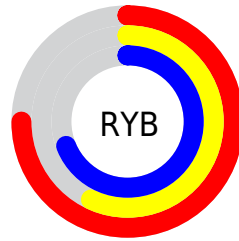
Distribution



Red (75%)

Green (57%)

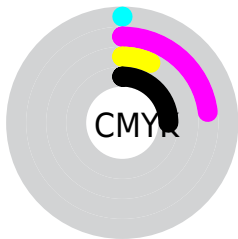
Blue (69%)



Red (75%)

Yellow (57%)

Blue (69%)

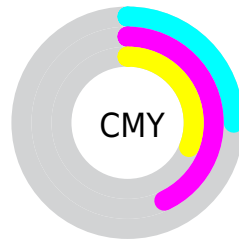


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (25%)



Cyan (25%)


Magenta (43%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4499, 34.6792, 46.2095 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 39.4499, 34.6792, 46.2095 by changing the saturation by 10% instead.


 39.4499, 34.6792,
46.2095

 39.4499, 34.6792,
46.2095


334.9738,
323.1501, 387.9523

 27.2922, 23.4159,
32.0613


 73.6148, 66.9885,
85.8700

 17.9305, 14.9009,
21.1431


 96.3527, 88.8033,
112.2195

 10.9995, 8.7498,
13.0364


123.3480,
114.9039, 143.4730

 6.1338, 4.5784,
7.3226

154.9662,
145.6749, 180.0493

 2.9680, 2.0021,
3.5832

191.5725,
181.5007, 222.3669

 1.1369, 0.6087,
1.3996

233.5323,

 0.0556, 0.0000,

222.7655, 270.8442

0.1414

281.2109,
269.8538, 325.8998

■ 0.0000, 0.0000,
0.0000

■ 39.4499, 34.6792,
46.2095

■ 39.4499, 34.6792,
46.2095

■ 36.2130, 29.0822,
42.4265

■ 43.1986, 41.2620,
50.2775

■ 33.4606, 24.4181,
38.9168

■ 47.4787, 48.8709,
54.6372

■ 31.1672, 20.6363,
35.6710

■ 52.3125, 57.5493,
59.2977

■ 29.3041, 17.6794,
32.6781

■ 57.7200, 67.3372,
64.2669

■ 27.8387, 15.4830,
29.9258

■ 63.7203, 78.2720,
69.5525

■ 26.7340, 13.9733,
27.4004

■ 68.7140, 87.1547,
74.6226

■ 25.9453, 13.0616,
25.0855

■ 69.4290, 87.4407,
78.3876

■ 25.5288, 12.6646,
23.6020

■ 70.1688, 87.7366,
82.2834

■ 70.9336, 88.0426,
86.3111

Harmonies

Analogous

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



37.0271, 34.6792, 55.5698



39.4499, 34.6792, 46.2095



40.0838, 34.6792, 35.8823

Triad

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



39.4499, 34.6792, 46.2095



32.2993, 34.6792, 21.7111



27.8179, 34.6792, 50.0976

Complementary

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



39.4499, 34.6792, 46.2095



36.5269, 45.4421, 39.6489

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.



26.7373, 34.6792, 39.7016



39.4499, 34.6792, 46.2095



29.2050, 34.6792, 24.2307

Square

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



39.4499, 34.6792, 46.2095



35.7931, 34.6792, 22.8377



27.2267, 34.6792, 30.4085



30.2834, 34.6792, 58.0771

Rectangle

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



39.4499, 34.6792, 46.2095



39.3704, 34.6792, 30.0350



27.2267, 34.6792, 30.4085



27.2889, 34.6792, 46.7070

Sweetspot

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



39.4509, 34.6807, 46.2102



82.8502, 82.8761, 95.8187



33.7671, 31.5937, 53.0343



18.0883, 18.0122, 20.9345



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.



39.4509, 34.6807, 46.2102



68.2694, 57.2550, 80.0435



37.4766, 33.8910, 35.8137



9.8066, 9.6469, 11.3703



17.0107, 8.4354, 15.8819



0.6937, 0.3414, 0.7662

Inverse Universe

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



39.4509, 34.6807, 46.2102



68.2694, 57.2550, 80.0435



38.5545, 46.2532, 50.3264



9.8066, 9.6469, 11.3703



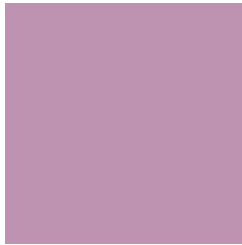
17.0107, 8.4354, 15.8819



0.6937, 0.3414, 0.7662

Previews

White Background



This preview shows how the XYZ color 39.4499, 34.6792, 46.2095 looks on a white background.

Color Contrast Check

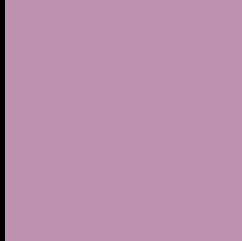
Large Text (above 18pt) WCAG AA × Fail

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 39.4499, 34.6792, 46.2095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

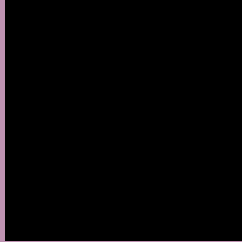
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4499, 34.6792, 46.2095

Background



This preview shows how black text looks on a background with the XYZ color 39.4499, 34.6792, 46.2095.



This preview shows how white text looks on a background with the XYZ color 39.4499, 34.6792,

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

39.4499, 34.6792, 46.2095

Protanopia

34.3102, 34.8265, 50.8128

Deuteranopia

35.3956, 34.7533, 45.4000



Tritanopia

37.8316, 34.7243, 37.9662

Trichromacy



Original Color

39.4499, 34.6792, 46.2095

Protanomaly

35.9354, 34.7041, 49.0605

Deuteranomaly

36.7439, 34.7050, 45.8364

Tritanomaly

38.4591, 34.7518, 40.7571

Monochromacy



Original Color

39.4499, 34.6792, 46.2095

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.3584, 35.8253, 42.0445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4499, 34.6792, 46.2095 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(190, 146, 177)` looks like.

```
.text, #text, p{  
    color:rgb(190, 146, 177)  
}
```

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(190, 146, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 146, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.4499, 34.6792, 46.2095 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(190, 146, 177) }
```


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

```
.border{ border-color:rgb(190, 146, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 146, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 146, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 146, 177); box-shadow:4px 4px 4px 4px rgb(190, 146, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4499, 34.6792, 46.2095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 146, 177) }
```

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

```
.background{ background-color: rgb(190,  
146, 177) }
```

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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