

# Converting Colors

XYZ(39.1494, 34.4172, 51.0342)



Have a look what the booklet for  
XYZ(39.1494, 34.4172, 51.0342)  
contains.

<b>XYZ(39.1494, 34.4172, 51.0342)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31



# Color

**XYZ(39.1494, 34.4172,  
51.0342)**



# Conversions

Conversions Part 1	
Format	Color
Hex	B992BA
RGB	185, 146, 186
RGB Percent	73%, 57%, 73%
CMY	0.2745, 0.4274, 0.2706
CMYK	0.01, 0.22, 0.00, 0.27
HSL	299°, 22%, 65%
HSV	299°, 22%, 73%
XYZ	39.1494, 34.4172, 51.0342
YIQ	162.2210, 10.4040, 20.7080



# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">185, 146, 186</a>
Decimal	<a href="#">12161722</a>
CIELab	<a href="#">65.29, 21.62, -15.20</a>
CIELCh	<a href="#">65, 26.428, 324.897</a>
Yxy	<a href="#">34.4172, 0.3142, 0.2762</a>
Android (android.graphics.Color)	<a href="#">4290351802</a> (0xFFB992BA)
YUV	<a href="#">162.2210, 11.7230, 19.9772</a>
Hunter-Lab	<a href="#">58.6662, 16.4517, -10.5105</a>



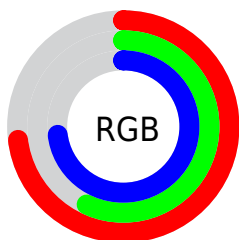
# Details

The XYZ color **39.1494, 34.4172, 51.0342** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.7810, 43.3971, 33.7391**, and the grayscale version is **34.3904, 36.1814, 39.4015**.

A 20% lighter version of the original color is **72.9569, 66.4201, 92.9795**, and **17.6859, 14.7032, 24.0961** is the 20% darker color. If you saturate the color by 10%, you get **36.4006, 29.0853, 50.1504**, and if you desaturate by 10%, it is **42.3671, 40.6853, 52.0750**.



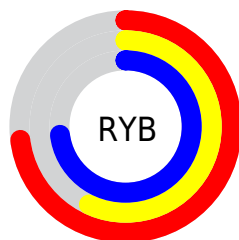
# Distribution



Red (73%)

Green (57%)

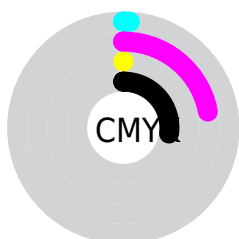
Blue (73%)



Red (73%)

Yellow (57%)

Blue (73%)

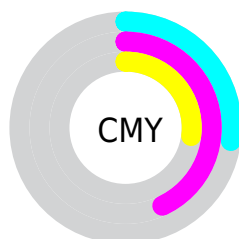


Cyan (1%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (43%)

Yellow (27%)





# Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1494, 34.4172, 51.0342 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 39.1494, 34.4172, 51.0342 by changing the saturation by 10% instead.





 39.1494, 34.4172,  
51.0342


 39.1494, 34.4172,  
51.0342

333.7215,  
321.9883, 407.5470

 27.0572, 23.2143,  
35.8589


 73.1591, 66.5819,  
93.1173

 17.7530, 14.7518,  
24.0364

 95.8073, 88.3125,  
120.8623

 10.8714, 8.6454,  
15.1482


122.7050,  
114.3211, 153.6342

 6.0471, 4.5106,  
8.7757

154.2173,  
144.9922, 191.8516

 2.9147, 1.9631,  
4.5003

190.7098,  
180.7100, 235.9330

 1.1088, 0.5859,  
1.9037

232.5478,


 0.0325, 0.0000,





221.8591, 286.2970

0.4951


280.0966,  
268.8237, 343.3622


 0.0000, 0.0000,  
0.0000


 39.1494, 34.4172,  
51.0342


 39.1494, 34.4172,  
51.0342


 36.4006, 29.0853,  
50.1504


 42.3671, 40.6853,  
52.0750


 34.0951, 24.6399,  
49.4139


 46.0716, 47.9270,  
53.2775


 32.2095, 21.0338,  
48.8172

 50.2837, 56.1833,  
54.6491


 30.7171, 18.2135,  
48.3515


 55.0220, 65.4914,  
56.1961


 29.5880, 16.1195,  
48.0068


 60.3042, 75.8868,  
57.9242



 28.7882, 14.6834,  
47.7718


 65.3105, 85.7300,  
59.5602

 28.2772, 13.8243,  
47.6329

 65.4251, 85.7891,  
59.5656

 28.0018, 13.4116,  
47.5678

 65.5400, 85.8483,  
59.5710

 65.6553, 85.9077,  
59.5764



# Harmonies

## Analogous

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



35.9285, 34.4172, 60.1790



39.1494, 34.4172, 51.0342



40.6527, 34.4172, 39.3920



# Triad

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



39.1494, 34.4172, 51.0342



33.3754, 34.4172, 20.0775



26.4474, 34.4172, 47.1257



# Complementary

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



39.1494, 34.4172, 51.0342



34.7810, 43.3971, 33.7391



# 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.



25.8800, 34.4172, 35.6203



39.1494, 34.4172, 51.0342



29.6944, 34.4172, 21.3474



# Square

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



39.1494, 34.4172, 51.0342



37.1562, 34.4172, 22.6696



27.0229, 34.4172, 26.5583



28.6380, 34.4172, 57.6300



# Rectangle

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



39.1494, 34.4172, 51.0342



40.3996, 34.4172, 32.2848



27.0229, 34.4172, 26.5583



26.0682, 34.4172, 43.1924



# Sweetspot

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



39.1505, 34.4187, 51.0349



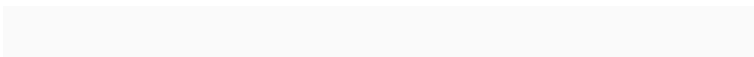
80.3087, 80.6132, 95.5286



31.2041, 30.6291, 50.7223



17.5885, 17.5630, 21.0056



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438







# Same Dimension

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



39.1505, 34.4187, 51.0349



68.4029, 57.4161, 91.6786



37.5356, 33.8007, 41.2680



9.3581, 9.1510, 11.3525



18.8485, 9.0279, 32.0022



0.6715, 0.3219, 1.1285







# Inverse Universe

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



35.7962, 33.1050, 32.1085



61.2011, 54.5976, 50.9424



36.1754, 43.9342, 42.0132



9.0135, 9.0158, 9.4183



13.6447, 7.0316, 0.7497



0.4841, 0.2491, 0.0427

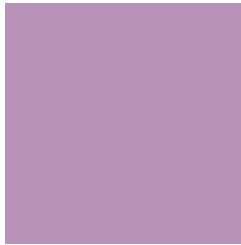






# Previews

## White Background



This preview shows how the XYZ color 39.1494, 34.4172, 51.0342 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

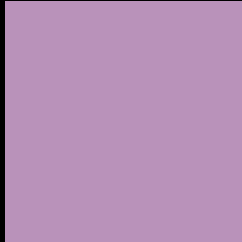
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 39.1494, 34.4172, 51.0342 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 39.1494, 34.4172, 51.0342**

## **Background**



This preview shows how black text looks on a background with the XYZ color 39.1494, 34.4172, 51.0342.



This preview shows how white text looks on a background with the XYZ color 39.1494, 34.4172,







# 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

39.1494, 34.4172, 51.0342

### Protanopia

34.5571, 34.5883, 55.8938

### Deuteranopia

35.2734, 34.5848, 50.1638



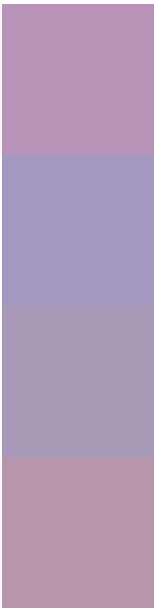


## Tritanopia

36.7193, 34.3664, 38.8805



# Trichromacy



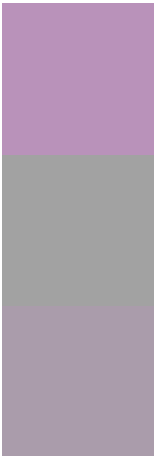
**Original Color**  
39.1494, 34.4172, 51.0342

**Protanomaly**  
35.8995, 34.3306, 54.0246

**Deuteranomaly**  
36.5628, 34.5053, 50.6321

**Tritanomaly**  
37.6266, 34.5024, 43.2046

# Monochromacy



**Original Color**  
39.1494, 34.4172, 51.0342

**Achromatopsia**  
34.3422, 36.1307, 39.3463

**Achromatomaly**  
35.8167, 35.2633, 43.4468



# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 39.1494, 34.4172, 51.0342 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(185, 146, 186) looks like.

```
.text, #text, p{  
    color:rgb(185, 146, 186)  
}
```



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(185, 146, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 146, 186) }
```

## Border

The CSS property to change the border of an element to XYZ 39.1494, 34.4172, 51.0342 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(185, 146, 186) }
```



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

```
.border{ border-color:rgb(185, 146, 186) }
```

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

Here you see how a box with a 4 pixel rgb(185, 146, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 146, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 146, 186);  
box-shadow:4px 4px 4px 4px rgb(185, 146,  
186) }
```



# Background

The CSS property to change the background color of an element to XYZ 39.1494, 34.4172, 51.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 146, 186) }
```

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

```
.background{ background-color: rgb(185,  
146, 186) }
```

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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