

Converting Colors

YUV(144.9810, 39.4494,
40.3587)

Have a look what the booklet for
YUV(144.9810, 39.4494, 40.3587)
contains.

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Color

**YUV(144.9810, 39.4494,
40.3587)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6AE1
RGB	191, 106, 225
RGB Percent	75%, 42%, 88%
CMY	0.2510, 0.5843, 0.1176
CMYK	0.15, 0.53, 0.00, 0.12
HSL	283°, 66%, 65%
HSV	283°, 53%, 88%
XYZ	40.2305, 26.8207, 74.2907
YIQ	144.9810, 12.4610, 55.0290

Conversions

Conversions Part 2

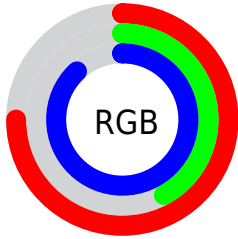
Format	Color
RYB	191, 106, 225
Decimal	12544737
CIELab	58.81, 52.96, -47.09
CIElCh	59, 70.872, 318.359
Yxy	26.8207, 0.2846, 0.1898
Android (android.graphics.Color)	4290734817 (0xFFBF6AE1)
YUV	144.9810, 39.4494, 40.3587
Hunter-Lab	51.7887, 48.0322, -48.7992

Details

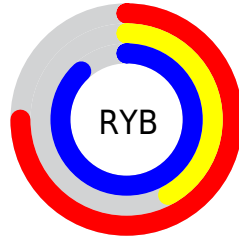
The YUV color **144.9810, 39.4494, 40.3587** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **186.0190, -39.4494, -40.3587**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4410, 28.3766, 45.2172**, and **90.7420, 38.5812, 38.8143** is the 20% darker color. If you saturate the color by 10%, you get **130.2730, 46.7004, 47.9956**, and if you desaturate by 10%, it is **160.2760, 31.9089, 32.2069**.

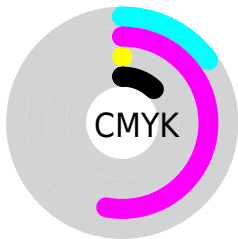
Distribution



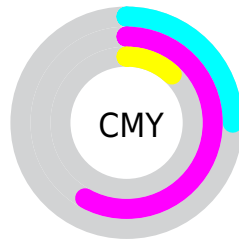
- Red (75%)
- Green (42%)
- Blue (88%)



- Red (75%)
- Yellow (42%)
- Blue (88%)



- Cyan (15%)
- Magenta (53%)
- Yellow (0%)
- Black (12%)





- Cyan (25%)
- Magenta (58%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 144.9810, 39.4494, 40.3587 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 YUV color 144.9810, 39.4494, 40.3587 by changing the saturation by 10% instead.


 144.9810, 39.4494,
40.3587


 144.9810, 39.4494,
40.3587


255.0000, 0.0000,
0.0000


 118.1550, 38.8706,
39.3291


 197.4410, 28.3766,
45.2172


 90.7420, 38.5812,
38.8143


 215.6710, 19.3892,
34.4915


 62.2690, 39.3074,
39.2291

 232.6940, 10.9969,
19.5624

 37.1440, 38.8760,
37.5847

 249.7170, 2.6045,
4.6332

 26.5200, 31.7886,
24.1000

 16.6080, 24.8433,
11.7448

 4.9020, 18.7823,

-4.2991

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 144.9810, 39.4494,
40.3587

■ 144.9810, 39.4494,
40.3587

■ 130.2730, 46.7004,
47.9956

■ 160.2760, 31.9089,
32.2069

■ 114.6790, 54.3883,
55.5325

■ 175.2830, 24.5105,
25.1848

■ 99.9710, 61.6393,
63.1694

■ 189.9910, 17.2594,
17.5479

■ 84.3770, 69.3271,
70.7064

■ 205.5850, 9.5716,
10.0110

73.7890, 74.5470,
76.4840

220.8800, 2.0312,
1.8592

235.8870, -5.3673,
-5.1629

245.8990,
-10.3032, -8.6814

247.6930,
-11.1876, -4.9928

249.7860,
-12.2195, -0.6893

Harmonies

Analogous

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



132.8330, 60.2283, -44.5805



144.9810, 39.4494, 40.3587



136.6980, 15.4319, 90.5959

Triad

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



144.9810, 39.4494, 40.3587



133.1200, -65.6282, 49.8838



120.1960, 28.9904, -105.4119

Complementary

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



144.9810, 39.4494, 40.3587



186.0190, -39.4494, -40.3587

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.



111.6120, 1.1773, -97.8837



144.9810, 39.4494, 40.3587



128.1160, -63.1612, 5.1603

Square

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



144.9810, 39.4494, 40.3587



134.4150, -42.6026, 84.7050



116.1570, -32.1224, -57.1427



124.1180, 54.1718, -108.8515

Rectangle

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



144.9810, 39.4494, 40.3587



132.3780, -2.6514, 104.0315



116.1570, -32.1224, -57.1427



117.8020, 19.8176, -103.3124

Sweetspot

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



144.9810, 39.4494, 40.3587



227.3450, 13.6339, 13.7294



140.6980, 41.5609, -30.4301



111.2320, 8.2666, 8.5665



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



144.9810, 39.4494, 40.3587



146.7390, 53.3727, 54.6029



152.4110, 23.9544, 63.6606



104.6460, 3.6255, 3.8185



57.7380, 58.3032, 59.8658



15.9370, 15.8071, 16.7183

Inverse Universe

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



145.4570, -2.6903, 69.7592



147.3830, -3.6398, 94.3801



178.5890, -23.9544, -63.6606



104.6310, -0.3111, 6.4626



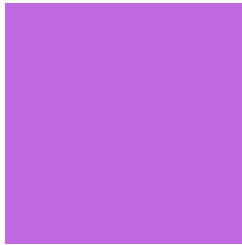
58.3240, -4.1037, 103.2019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 144.9810, 39.4494, 40.3587 looks on a white background.

Color Contrast Check

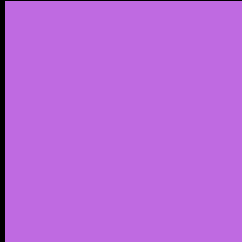
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 144.9810, 39.4494, 40.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

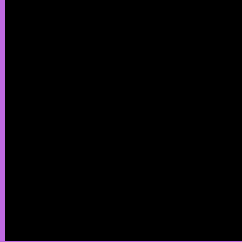
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.9810, 39.4494, 40.3587

Background



This preview shows how black text looks on a background with the YUV color 144.9810, 39.4494, 40.3587.



This preview shows how white text looks on a background with the YUV color 144.9810, 39.4494, 40.3587.

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

144.9810, 39.4494, 40.3587

Protanopia

135.7900, 58.7705, -43.6658

Deuteranopia

138.4160, 39.2349, -31.0598



Tritanopia

144.0900, -3.0024, 29.7391

Trichromacy



Original Color

144.9810, 39.4494, 40.3587



Protanomaly

138.8540, 51.8370, -13.0270



Deuteranomaly

140.6950, 39.5904, -4.9945



Tritanomaly

144.5370, 12.5533, 33.7321

Monochromacy



Original Color

144.9810, 39.4494, 40.3587



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

145.1710, 14.2127, 14.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.9810, 39.4494, 40.3587 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, 106, 225)` looks like.

```
.text, #text, p{  
    color:rgb(191, 106, 225)  
}
```

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, 106, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 106, 225) }
```

Border

The CSS property to change the border of an element to YUV 144.9810, 39.4494, 40.3587 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, 106, 225) }
```


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

```
.border{ border-color:rgb(191, 106, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 106, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 106, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 106, 225);  
box-shadow:4px 4px 4px 4px rgb(191, 106,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 144.9810, 39.4494, 40.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 106, 225) }
```

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

```
.background{ background-color: rgb(191,  
106, 225) }
```

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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