

Converting Colors

YUV(145.4390, 14.5736,
39.0800)

Have a look what the booklet for
YUV(145.4390, 14.5736, 39.0800)
contains.

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Color

**YUV(145.4390, 14.5736,
39.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	BE75AF
RGB	190, 117, 175
RGB Percent	75%, 46%, 69%
CMY	0.2549, 0.5412, 0.3137
CMYK	0.00, 0.38, 0.08, 0.25
HSL	312°, 36%, 60%
HSV	312°, 38%, 75%
XYZ	35.3344, 26.7649, 43.8613
YIQ	145.4390, 24.8900, 33.5140

Conversions

Conversions Part 2

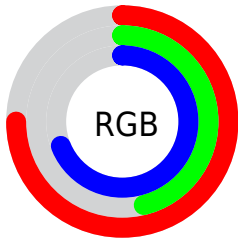
Format	Color
R _{YB}	190, 117, 175
Decimal	12481967
CIE Lab	58.76, 37.30, -18.82
CIE LCh	59, 41.774, 333.226
Yxy	26.7649, 0.3335, 0.2526
Android (android.graphics.Color)	4290672047 (0xFFBE75AF)
YUV	145.4390, 14.5736, 39.0800
Hunter-Lab	51.7348, 31.3779, -14.0523

Details

The YUV color **145.4390, 14.5736, 39.0800** is a light color, and the websafe version is hex **996699**. A complement of this color would be **161.5610, -14.5736, -39.0800**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.9770, 15.2943, 41.2392**, and **93.0150, 14.2896, 36.8208** is the 20% darker color. If you saturate the color by 10%, you get **133.8300, 18.3248, 49.2611**, and if you desaturate by 10%, it is **157.0480, 10.8223, 28.8989**.

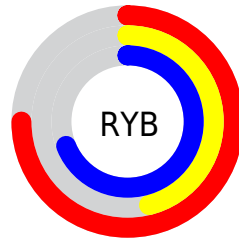
Distribution



Red (75%)

Green (46%)

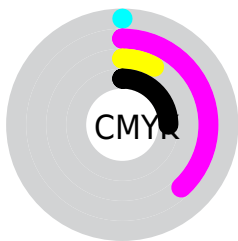
Blue (69%)



Red (75%)

Yellow (46%)

Blue (69%)

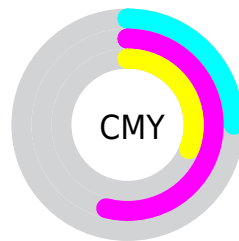


Cyan (0%)

Magenta (38%)

Yellow (8%)

Black (25%)



Cyan (25%)


Magenta (54%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.4390, 14.5736, 39.0800 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 145.4390, 14.5736, 39.0800 by changing the saturation by 10% instead.


 145.4390, 14.5736,
39.0800


 145.4390, 14.5736,
39.0800


255.0000, 0.0000,
0.0000

 118.7270, 14.4316,
37.9504


 199.9770, 15.2943,
41.2392


 93.0150, 14.2896,
36.8208


 221.5410, 16.4953,
29.3435

 68.3030, 14.1476,
35.6913

 238.5640, 8.1029,
14.4144

 41.9440, 15.3106,
36.0061

 23.1560, 13.7271,
30.5582

 14.7820, 7.5025,
20.3622

 0.0000, 0.0000,

0.0000

■ 145.4390, 14.5736,
39.0800

■ 145.4390, 14.5736,
39.0800

■ 133.8300, 18.3248,
49.2611

■ 157.0480, 10.8223,
28.8989

■ 122.2210, 22.0760,
59.4422

■ 168.6570, 7.0711,
18.7178

■ 110.6120, 25.8273,
69.6233

■ 180.2660, 3.3199,
8.5367

■ 99.0030, 29.5785,
79.8044

■ 191.8750, -0.4314,
-1.6444

■ 87.3940, 33.3298,
89.9855

■ 203.4840, -4.1826,
-11.8255

■ 75.8990, 37.5178,
100.0666

■ 214.9790, -8.3706,
-21.9066

■ 74.0240, 37.9492,
101.7110

■ 226.5880,
-12.1219, -32.0877

■ 229.9790,
-11.8216, -35.0616

■ 230.4350,
-10.0745, -35.4615

Harmonies

Analogous

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



144.3020, 28.9381, 4.9971



145.4390, 14.5736, 39.0800



143.4940, -2.2155, 57.4488

Triad

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



145.4390, 14.5736, 39.0800



138.1310, -35.5606, 19.1791



113.8530, 32.6105, -99.8491

Complementary

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



145.4390, 14.5736, 39.0800



161.5610, -14.5736, -39.0800

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.



110.3360, 16.5964, -96.7647



145.4390, 14.5736, 39.0800



134.0070, -27.6115, -10.5301

Square

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



145.4390, 14.5736, 39.0800



140.6100, -31.8527, 43.3150



126.4830, -9.6051, -46.0276



113.8820, 45.4142, -99.8745

Rectangle

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



145.4390, 14.5736, 39.0800



142.1170, -13.8617, 59.5334



126.4830, -9.6051, -46.0276



113.1860, 27.5163, -99.2641

Sweetspot

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



145.4390, 14.5736, 39.0800



229.2930, 5.7716, 15.5290



129.8070, 29.6751, 1.9233



113.9780, 3.4618, 9.6663



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



145.4390, 14.5736, 39.0800



178.0470, 22.6548, 60.4718



141.3350, -1.1512, 42.6792



88.4890, 1.7309, 4.8331



61.6060, 31.7462, 84.5375



12.0050, 5.9135, 16.6586

Inverse Universe

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



145.4390, 14.5736, 39.0800



178.0470, 22.6548, 60.4718



165.6650, 1.1512, -42.6792



88.4890, 1.7309, 4.8331



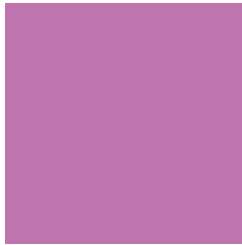
61.6060, 31.7462, 84.5375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 145.4390, 14.5736, 39.0800 looks on a white background.

Color Contrast Check

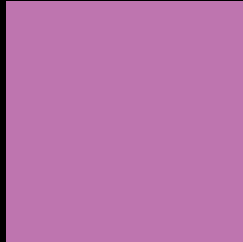
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.4390, 14.5736, 39.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

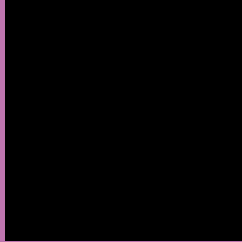
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.4390, 14.5736, 39.0800

Background



This preview shows how black text looks on a background with the YUV color 145.4390, 14.5736, 39.0800.



This preview shows how white text looks on a background with the YUV color 145.4390, 14.5736,

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

145.4390, 14.5736, 39.0800

Protanopia

142.0410, 24.6298, -13.1910

Deuteranopia

143.2460, 13.6827, -1.9697



Tritanopia

144.0800, -4.4764, 35.8868

Trichromacy



Original Color

145.4390, 14.5736, 39.0800

Protanomaly

143.5380, 20.9338, 5.6672

Deuteranomaly

144.0460, 13.7813, 13.1147

Tritanomaly

144.6270, 2.6489, 37.1611

Monochromacy



Original Color

145.4390, 14.5736, 39.0800

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.1680, 5.3402, 13.8847

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4390, 14.5736, 39.0800 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, 117, 175)` looks like.

```
.text, #text, p{  
    color:rgb(190, 117, 175)  
}
```

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, 117, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 117, 175) }
```

Border

The CSS property to change the border of an element to YUV 145.4390, 14.5736, 39.0800 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, 117, 175) }
```


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

```
.border{ border-color:rgb(190, 117, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 117, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 117, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 117, 175);  
box-shadow:4px 4px 4px 4px rgb(190, 117,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 145.4390, 14.5736, 39.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 117, 175) }
```

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

```
.background{ background-color: rgb(190,  
117, 175) }
```

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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