

Converting Colors

YUV(145.0970, 13.2632,
39.3799)

Have a look what the booklet for
YUV(145.0970, 13.2632, 39.3799)
contains.

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Color

**YUV(145.0970, 13.2632,
39.3799)**

Conversions

Conversions Part 1

Format	Color
Hex	BE75AC
RGB	190, 117, 172
RGB Percent	75%, 46%, 67%
CMY	0.2549, 0.5412, 0.3255
CMYK	0.00, 0.38, 0.09, 0.25
HSL	315°, 36%, 60%
HSV	315°, 38%, 75%
XYZ	35.0429, 26.6483, 42.3264
YIQ	145.0970, 25.8530, 32.5810

Conversions

Conversions Part 2

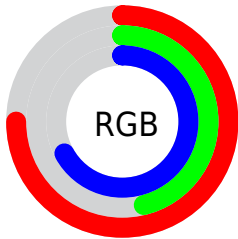
Format	Color
R_{YB}	190, 117, 172
Decimal	12481964
CIE _{Lab}	58.65, 36.77, -17.26
CIE _{LCh}	59, 40.623, 334.853
Yxy	26.6483, 0.3369, 0.2562
Android (android.graphics.Color)	4290672044 (0xFFBE75AC)
YUV	145.0970, 13.2632, 39.3799
Hunter-Lab	51.6220, 30.8339, -12.4783

Details

The YUV color **145.0970, 13.2632, 39.3799** is a light color, and the websafe version is hex **996699**. A complement of this color would be **161.9030, -13.2632, -39.3799**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5210, 13.5471, 41.6391**, and **92.7870, 13.4160, 37.0208** is the 20% darker color. If you saturate the color by 10%, you get **133.3740, 16.5776, 49.6610**, and if you desaturate by 10%, it is **156.8200, 9.9487, 29.0989**.

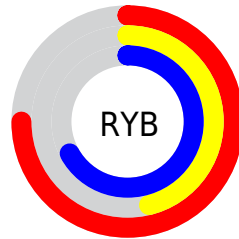
Distribution



Red (75%)

Green (46%)

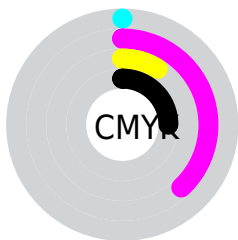
Blue (67%)



Red (75%)

Yellow (46%)

Blue (67%)

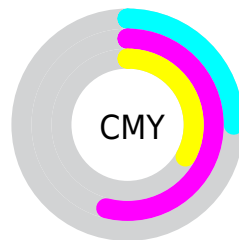


Cyan (0%)

Magenta (38%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (54%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.0970, 13.2632, 39.3799 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 145.0970, 13.2632, 39.3799 by changing the saturation by 10% instead.


 145.0970, 13.2632,
39.3799


 145.0970, 13.2632,
39.3799


255.0000, 0.0000,
0.0000

 118.3850, 13.1212,
38.2504


 199.5210, 13.5471,
41.6391


 92.7870, 13.4160,
37.0208

 221.5410, 16.4953,
29.3435

 68.0750, 13.2740,
35.8912

 238.5640, 8.1029,
14.4144

 42.3030, 14.1476,
35.6913

 22.8140, 12.4167,
30.8581

 14.5540, 6.6289,
20.5621

 0.0000, 0.0000,

0.0000

■ 145.0970, 13.2632,
39.3799

■ 145.0970, 13.2632,
39.3799

■ 133.3740, 16.5776,
49.6610

■ 156.8200, 9.9487,
29.0989

■ 121.7650, 20.3289,
59.8421

■ 168.4290, 6.1975,
18.9178

■ 110.0420, 23.6433,
70.1232

■ 180.1520, 2.8831,
8.6367

■ 98.3190, 26.9577,
80.4042

■ 191.8750, -0.4314,
-1.6444

■ 86.7100, 30.7090,
90.5853

■ 203.4840, -4.1826,
-11.8255

■ 74.9870, 34.0234,
100.8664

■ 215.2070, -7.4971,
-22.1065

■ 73.1120, 34.4548,
102.5108

■ 226.9300,
-10.8115, -32.3876

■ 230.3210,
-10.5113, -35.3615

■ 230.8910, -8.3273,
-35.8614

Harmonies

Analogous

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



144.5580, 27.3329, 6.5266



145.0970, 13.2632, 39.3799



143.5540, -3.2311, 56.5191

Triad

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



145.0970, 13.2632, 39.3799



137.4620, -34.2448, 17.1348



113.3800, 33.3367, -99.4343

Complementary

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



145.0970, 13.2632, 39.3799



161.9030, -13.2632, -39.3799

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.



109.9770, 17.7593, -96.4498



145.0970, 13.2632, 39.3799



133.7510, -26.0062, -12.0596

Square

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



145.0970, 13.2632, 39.3799



139.8270, -30.9737, 41.3707



126.5260, -8.1473, -46.9423



113.1810, 45.2668, -99.2597

Rectangle

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



145.0970, 13.2632, 39.3799



141.9920, -14.2931, 57.8890



126.5260, -8.1473, -46.9423



112.7130, 28.2425, -98.8493

Sweetspot

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



145.0970, 13.2632, 39.3799



229.1790, 5.3348, 15.6290



130.4050, 29.3803, 3.1528



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.



145.0970, 13.2632, 39.3799



177.4770, 20.4708, 60.9717



140.9930, -2.4615, 42.9791



88.4890, 1.7309, 4.8331



60.8080, 28.6887, 85.2374



11.8910, 5.4767, 16.7586

Inverse Universe

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



145.0970, 13.2632, 39.3799



177.4770, 20.4708, 60.9717



166.0070, 2.4615, -42.9791



88.4890, 1.7309, 4.8331



60.8080, 28.6887, 85.2374



11.8910, 5.4767, 16.7586

Previews

White Background



This preview shows how the YUV color 145.0970, 13.2632, 39.3799 looks on a white background.

Color Contrast Check

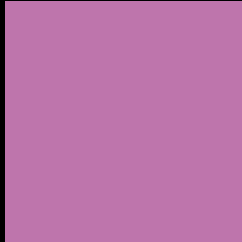
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.0970, 13.2632, 39.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

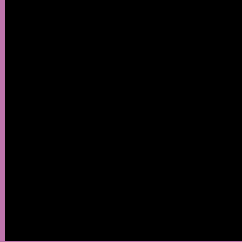
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.0970, 13.2632, 39.3799

Background



This preview shows how black text looks on a background with the YUV color 145.0970, 13.2632, 39.3799.



This preview shows how white text looks on a background with the YUV color 145.0970, 13.2632, 39.3799.

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

145.0970, 13.2632, 39.3799

Protanopia

141.8840, 22.7352, -12.1763

Deuteranopia

142.6160, 12.5143, -0.5402



Tritanopia

143.9660, -4.9132, 35.9868

Trichromacy



Original Color

145.0970, 13.2632, 39.3799

Protanomaly

143.3810, 19.0392, 6.6819

Deuteranomaly

143.1170, 12.7603, 13.9294

Tritanomaly

144.3990, 1.7753, 37.3611

Monochromacy



Original Color

145.0970, 13.2632, 39.3799

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0540, 4.9034, 13.9846

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.0970, 13.2632, 39.3799 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(190, 117, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 117, 172) }
```

Border

The CSS property to change the border of an element to YUV 145.0970, 13.2632, 39.3799 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, 172) }
```


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

```
.border{ border-color:rgb(190, 117, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 117, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 117, 172);  
box-shadow:4px 4px 4px 4px rgb(190, 117,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 145.0970, 13.2632, 39.3799 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, 172) }
```

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

```
.background{ background-color: rgb(190,  
117, 172) }
```

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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