

Converting Colors

YUV(143.7720, 9.4794, 39.6650)

Have a look what the booklet for
YUV(143.7720, 9.4794, 39.6650)
contains.

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Color

**YUV(143.7720, 9.4794,
39.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	BD75A3
RGB	189, 117, 163
RGB Percent	74%, 46%, 64%
CMY	0.2588, 0.5412, 0.3608
CMYK	0.00, 0.38, 0.14, 0.26
HSL	322°, 35%, 60%
HSV	322°, 38%, 74%
XYZ	33.9584, 26.1857, 37.9149
YIQ	143.7720, 28.1460, 29.5700

Conversions

Conversions Part 2

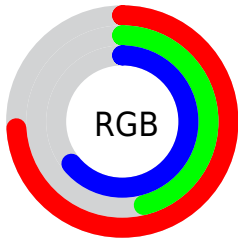
Format	Color
RYB	189, 117, 163
Decimal	12416419
CIELab	58.21, 34.91, -12.75
CIELCh	58, 37.165, 339.931
Yxy	26.1857, 0.3463, 0.2670
Android (android.graphics.Color)	4290606499 (0xFFBD75A3)
YUV	143.7720, 9.4794, 39.6650
Hunter-Lab	51.1720, 28.9039, -8.1093

Details

The YUV color **143.7720, 9.4794, 39.6650** is a light color, and the websafe version is hex **996699**. A complement of this color would be **162.2280, -9.4794, -39.6650**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.1960, 9.7634, 41.9241**, and **92.0490, 9.3428, 36.7910** is the 20% darker color. If you saturate the color by 10%, you get **131.8210, 11.9202, 50.1460**, and if you desaturate by 10%, it is **155.7230, 7.0386, 29.1839**.

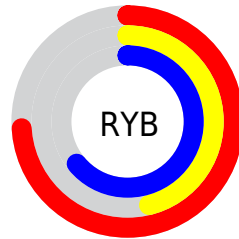
Distribution



Red (74%)

Green (46%)

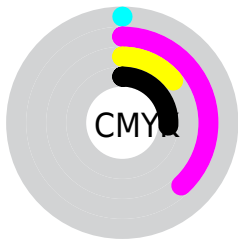
Blue (64%)



Red (74%)

Yellow (46%)

Blue (64%)

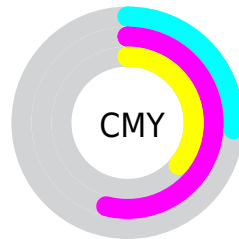


Cyan (0%)

Magenta (38%)

Yellow (14%)

Black (26%)



Cyan (26%)

Magenta (54%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 143.7720, 9.4794, 39.6650 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 143.7720, 9.4794, 39.6650 by changing the saturation by 10% instead.

 143.7720, 9.4794,
39.6650


 143.7720, 9.4794,
39.6650

255.0000, 0.0000,
0.0000


 117.1740, 9.7742,
38.4354


 198.1960, 9.7634,
41.9241


 92.0490, 9.3428,
36.7910

 220.5150, 12.5641,
30.2433

 66.8640, 9.9270,
36.0763

 237.9770, 8.3923,
14.9292

 41.6790, 10.5113,
35.3615

 21.7170, 9.5065,
30.9432

 13.4570, 3.7187,
20.6472

 0.0000, 0.0000,

0.0000

■ 143.7720, 9.4794,
39.6650

■ 143.7720, 9.4794,
39.6650

■ 131.8210, 11.9202,
50.1460

■ 155.7230, 7.0386,
29.1839

■ 119.8700, 14.3611,
60.6270

■ 167.6740, 4.5977,
18.7029

■ 108.0330, 17.2387,
71.0081

■ 179.5110, 1.7201,
8.3219

■ 96.0820, 19.6796,
81.4891

■ 191.4620, -0.7208,
-2.1592

■ 84.1310, 22.1204,
91.9701

■ 203.4130, -3.1616,
-12.6402

■ 72.7670, 24.2719,
101.9363

■ 214.7770, -5.3131,
-22.6064

■ 70.3050, 24.9926,
104.0955

■ 226.7280, -7.7539,
-33.0875

■ 231.0480, -6.4327,
-36.8761

■ 231.7320, -3.8119,
-37.4760

Harmonies

Analogous

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



143.1520, 23.0961, 12.1447



143.7720, 9.4794, 39.6650



142.1360, -5.9830, 52.5007

Triad

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



143.7720, 9.4794, 39.6650



136.6400, -30.8815, 11.7167



111.6190, 34.2048, -97.8899

Complementary

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



143.7720, 9.4794, 39.6650



162.2280, -9.4794, -39.6650

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.



109.2590, 20.0853, -95.8201



143.7720, 9.4794, 39.6650



132.5810, -21.4854, -15.4185

Square

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



143.7720, 9.4794, 39.6650



138.8370, -29.4996, 35.2230



125.8510, -4.3635, -47.2273



121.3260, 38.7863, -73.9539

Rectangle

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



143.7720, 9.4794, 39.6650



141.2040, -15.8766, 52.4411



125.8510, -4.3635, -47.2273



111.0660, 29.5475, -97.4049

Sweetspot

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



143.7720, 9.4794, 39.6650



228.0110, 3.4456, 14.8994



132.6830, 27.7643, 8.1710



112.0380, 2.4463, 8.7367



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



143.7720, 9.4794, 39.6650



173.9950, 14.7925, 62.2714



139.7820, -5.8085, 43.1642



88.3750, 1.2941, 4.9331



58.7560, 20.8263, 87.0370



11.5490, 4.1663, 17.0585

Inverse Universe

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



143.7720, 9.4794, 39.6650



173.9950, 14.7925, 62.2714



166.2180, 5.8085, -43.1642



88.3750, 1.2941, 4.9331



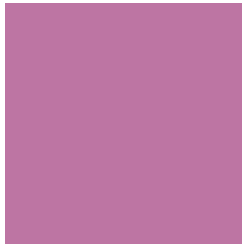
58.7560, 20.8263, 87.0370



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 143.7720, 9.4794, 39.6650 looks on a white background.

Color Contrast Check

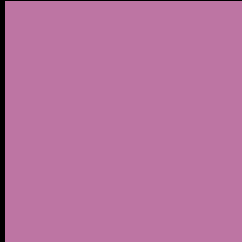
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.7720, 9.4794, 39.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

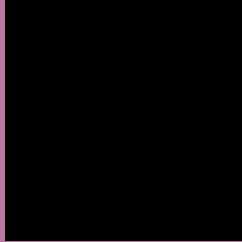
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 143.7720, 9.4794, 39.6650

Background



This preview shows how black text looks on a background with the YUV color 143.7720, 9.4794, 39.6650.



This preview shows how white text looks on a background with the YUV color 143.7720, 9.4794,

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

143.7720, 9.4794, 39.6650

Protanopia

141.0540, 18.2144, -8.8174

Deuteranopia

141.9000, 8.4303, 2.7187



Tritanopia

142.5640, -5.2081, 37.2164

Trichromacy



Original Color

143.7720, 9.4794, 39.6650

Protanomaly

142.0670, 15.2500, 8.7112

Deuteranomaly

142.6890, 8.5343, 16.0587

Tritanomaly

142.9430, 0.0281, 37.7610

Monochromacy



Original Color

143.7720, 9.4794, 39.6650

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.7120, 3.5930, 14.2846

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.7720, 9.4794, 39.6650 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(189, 117, 163)` looks like.

```
.text, #text, p{  
    color:rgb(189, 117, 163)  
}
```

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(189, 117, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 117, 163) }
```

Border

The CSS property to change the border of an element to YUV 143.7720, 9.4794, 39.6650 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(189, 117, 163) }
```


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

```
.border{ border-color:rgb(189, 117, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 117, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 117, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 117, 163);  
box-shadow:4px 4px 4px 4px rgb(189, 117,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 143.7720, 9.4794, 39.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 117, 163) }
```

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

```
.background{ background-color: rgb(189,  
117, 163) }
```

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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