

Converting Colors

YUV(147.0080, 1.4751, 40.3350)

Have a look what the booklet for
YUV(147.0080, 1.4751, 40.3350)
contains.

YUV(147.0080, 1.4751, 40.3350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.0080, 1.4751,
40.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	C17B96
RGB	193, 123, 150
RGB Percent	76%, 48%, 59%
CMY	0.2431, 0.5176, 0.4118
CMYK	0.00, 0.36, 0.22, 0.24
HSL	337°, 36%, 62%
HSV	337°, 36%, 76%
XYZ	34.5803, 27.7054, 32.3793
YIQ	147.0080, 33.0530, 23.2370

Conversions

Conversions Part 2

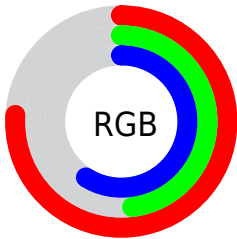
Format	Color
RYB	193, 123, 150
Decimal	12680086
CIELab	59.62, 30.99, -3.11
CIELCh	60, 31.145, 354.263
Yxy	27.7054, 0.3653, 0.2927
Android (android.graphics.Color)	4290870166 (0xFFC17B96)
YUV	147.0080, 1.4751, 40.3350
Hunter-Lab	52.6359, 25.1566, 0.3726

Details

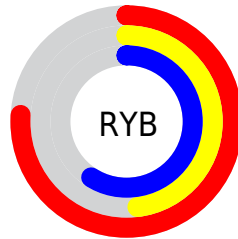
The YUV color **147.0080, 1.4751, 40.3350** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **168.9920, -1.4751, -40.3350**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6170, 1.1748, 43.3089**, and **95.3990, 1.7753, 37.3611** is the 20% darker color. If you saturate the color by 10%, you get **134.4870, 1.7319, 51.3159**, and if you desaturate by 10%, it is **159.5290, 1.2182, 29.3541**.

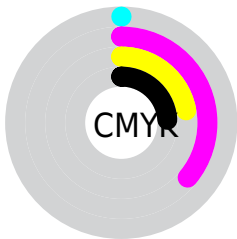
Distribution



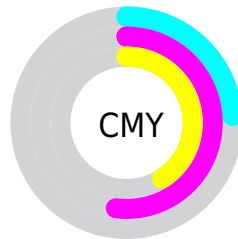
- Red (76%)
- Green (48%)
- Blue (59%)



- Red (76%)
- Yellow (48%)
- Blue (59%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (24%)



- Cyan (24%)
- Magenta (52%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.0080, 1.4751, 40.3350 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 147.0080, 1.4751, 40.3350 by changing the saturation by 10% instead.


 147.0080, 1.4751,
40.3350

 147.0080, 1.4751,
40.3350


255.0000, 0.0000,
0.0000

 120.4100, 1.7699,
39.1054


 201.6170, 1.1748,
43.3089

 95.3990, 1.7753,
37.3611


 222.4410, 4.7126,
28.5542

 70.5020, 2.2175,
35.5167

 242.0860, 6.3666,
11.3256

 46.4310, 3.2385,
34.7020

 21.8870, 4.9857,
34.3021

 13.0570, -2.9861,
24.5060

 0.0000, 0.0000,

0.0000

■ 147.0080, 1.4751,
40.3350

■ 147.0080, 1.4751,
40.3350

■ 134.4870, 1.7319,
51.3159

■ 159.5290, 1.2182,
29.3541

■ 121.3790, 2.2782,
62.8116

■ 172.6370, 0.6720,
17.8584

■ 108.8580, 2.5350,
73.7925

■ 185.1580, 0.4151,
6.8774

■ 96.4510, 3.2287,
84.6735

■ 197.5650, -0.2785,
-4.0035

■ 83.9300, 3.4855,
95.6544

■ 210.6730, -0.8248,
-15.4992

■ 70.8220, 4.0318,
107.1501

■ 223.1940, -1.0816,
-26.4801

■ 66.1430, 3.8735,
111.2536

■ 233.9540, -0.4703,
-35.9167

■ 235.3220, 4.7713,
-37.1164

■ 236.4620, 9.1392,
-38.1162

Harmonies

Analogous

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



147.5140, 14.0436, 22.3512



147.0080, 1.4751, 40.3350



145.5990, -11.6343, 45.0787

Triad

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



147.0080, 1.4751, 40.3350



139.6260, -22.9866, -0.5490



128.4490, 28.8656, -65.2918

Complementary

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



147.0080, 1.4751, 40.3350



168.9920, -1.4751, -40.3350

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.



124.4130, 20.0094, -71.3992



147.0080, 1.4751, 40.3350



135.6320, -12.1436, -25.1103

Square

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



147.0080, 1.4751, 40.3350



142.2590, -26.2567, 21.6979



130.1910, 3.3568, -50.1565



138.1520, 29.5051, -36.9673

Rectangle

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



147.0080, 1.4751, 40.3350



144.7420, -18.6068, 41.4453



130.1910, 3.3568, -50.1565



125.3620, 27.4295, -71.3545

Sweetspot

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



147.0080, 1.4751, 40.3350



231.6260, 0.6774, 16.1140



143.5380, 24.3848, 18.8222



114.4680, 0.2623, 9.2366



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.



147.0080, 1.4751, 40.3350



177.6780, 2.1307, 63.4264



148.0390, -12.3442, 39.4308



90.4460, 0.2731, 5.7479



55.2070, 3.3489, 92.7805



11.3490, 0.8139, 18.9879

Inverse Universe

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



147.0080, 1.4751, 40.3350



177.6780, 2.1307, 63.4264



167.9610, 12.3442, -39.4308



90.4460, 0.2731, 5.7479



55.2070, 3.3489, 92.7805



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 147.0080, 1.4751, 40.3350 looks on a white background.

Color Contrast Check

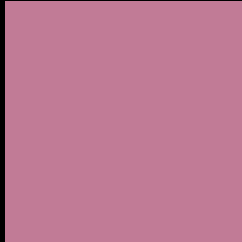
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.0080, 1.4751, 40.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

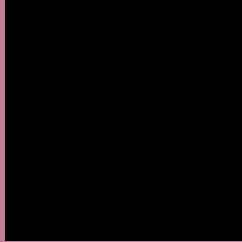
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.0080, 1.4751, 40.3350

Background



This preview shows how black text looks on a background with the YUV color 147.0080, 1.4751, 40.3350.



This preview shows how white text looks on a background with the YUV color 147.0080, 1.4751,

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

147.0080, 1.4751, 40.3350

Protanopia

144.5680, 8.5940, -3.1291

Deuteranopia

145.5820, 0.6991, 9.1366



Tritanopia

146.4610, -5.6503, 39.0607

Trichromacy



Original Color

147.0080, 1.4751, 40.3350

Protanomaly

145.6840, 6.0718, 12.5551

Deuteranomaly

146.0610, 0.9559, 20.1175

Tritanomaly

146.7430, -3.3243, 39.6904

Monochromacy



Original Color

147.0080, 1.4751, 40.3350

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9140, 0.5354, 14.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0080, 1.4751, 40.3350 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(193, 123, 150)` looks like.

```
.text, #text, p{  
    color:rgb(193, 123, 150)  
}
```

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(193, 123, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 123, 150) }
```

Border

The CSS property to change the border of an element to YUV 147.0080, 1.4751, 40.3350 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(193, 123, 150) }
```


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

```
.border{ border-color:rgb(193, 123, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 123, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 123, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 123, 150);  
box-shadow:4px 4px 4px 4px rgb(193, 123,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 147.0080, 1.4751, 40.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 123, 150) }
```

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

```
.background{ background-color: rgb(193,  
123, 150) }
```

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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