

Converting Colors

YUV(147.7840, 24.7565,
39.6544)

Have a look what the booklet for
YUV(147.7840, 24.7565, 39.6544)
contains.

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Color

**YUV(147.7840, 24.7565,
39.6544)**

Conversions

Conversions Part 1

Format	Color
Hex	C173C6
RGB	193, 115, 198
RGB Percent	76%, 45%, 78%
CMY	0.2431, 0.5490, 0.2235
CMYK	0.03, 0.42, 0.00, 0.22
HSL	296°, 42%, 61%
HSV	296°, 42%, 78%
XYZ	38.3161, 27.6761, 56.7486
YIQ	147.7840, 19.8450, 42.3490

Conversions

Conversions Part 2

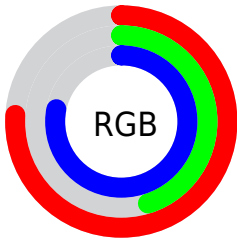
Format	Color
R _Y B	193, 115, 198
Decimal	12678086
CIE Lab	59.60, 43.52, -30.62
CIE LCh	60, 53.210, 324.875
Yxy	27.6761, 0.3122, 0.2255
Android (android.graphics.Color)	4290868166 (0xFFC173C6)
YUV	147.7840, 24.7565, 39.6544
Hunter-Lab	52.6081, 37.9428, -27.1307

Details

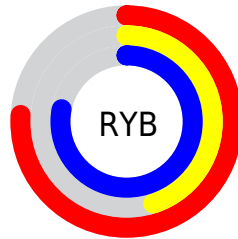
The YUV color $147.7840, 24.7565, 39.6544$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $165.2160, -24.7565, -39.6544$, and the grayscale version is $148.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $203.3220, 25.4773, 41.8136$, and $95.2460, 24.0357, 37.4953$ is the 20% darker color. If you saturate the color by 10%, you get $135.7450, 30.6917, 49.3356$, and if you desaturate by 10%, it is $159.8230, 18.8213, 29.9732$.

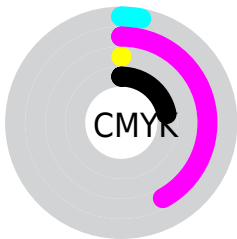
Distribution



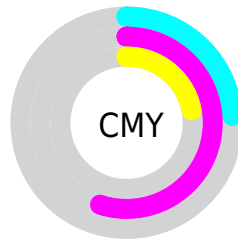
- Red (76%)
- Green (45%)
- Blue (78%)



- Red (76%)
- Yellow (45%)
- Blue (78%)



- Cyan (3%)
- Magenta (42%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (55%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.7840, 24.7565, 39.6544 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 147.7840, 24.7565, 39.6544 by changing the saturation by 10% instead.

■ 147.7840, 24.7565,
39.6544

■ 147.7840, 24.7565,
39.6544

255.0000, 0.0000,
0.0000

■ 121.0720, 24.6145,
38.5249

■ 203.3220, 25.4773,
41.8136

■ 95.2460, 24.0357,
37.4953

■ 220.9540, 16.7847,
29.8583

■ 68.9470, 24.1831,
36.8805

■ 237.3900, 8.6817,
15.4440

■ 40.7130, 25.7775,
38.8397

254.4130, 0.2894,
0.5148

■ 25.8060, 21.2946,
29.9881

■ 17.0190, 14.7806,
19.2773

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 147.7840, 24.7565,
39.6544

■ 147.7840, 24.7565,
39.6544

■ 135.7450, 30.6917,
49.3356

■ 159.8230, 18.8213,
29.9732

■ 123.7060, 36.6269,
59.0168

■ 171.8620, 12.8860,
20.2920

■ 111.9550, 42.4202,
67.5685

■ 183.6130, 7.0928,
11.7404

■ 99.9160, 48.3554,
77.2497

■ 195.6520, 1.1576,
2.0592

■ 87.8770, 54.2906,
86.9309

■ 207.6910, -4.7777,
-7.6220

78.1860, 59.0683,
94.5529

219.7300,
-10.7129, -17.3032

231.7690,
-16.6481, -26.9844

232.9540,
-17.2323, -26.2697

233.2530,
-17.3797, -25.6549

Harmonies

Analogous

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



143.9330, 41.9380, -11.3422



147.7840, 24.7565, 39.6544



144.4060, 4.7298, 69.8039

Triad

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



147.7840, 24.7565, 39.6544



138.6460, -46.6605, 32.7595



118.1900, 31.4583, -103.6526

Complementary

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



147.7840, 24.7565, 39.6544



165.2160, -24.7565, -39.6544

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.



112.7180, 10.4920, -98.8537



147.7840, 24.7565, 39.6544



134.9080, -40.8736, -3.4273

Square

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



147.7840, 24.7565, 39.6544



140.8680, -36.4169, 60.6288



125.9420, -19.1984, -49.0611



120.0600, 48.7774, -105.2926

Rectangle

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



147.7840, 24.7565, 39.6544



142.5520, -10.1321, 76.6919



125.9420, -19.1984, -49.0611



116.3660, 24.4696, -102.0530

Sweetspot

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



147.7840, 24.7565, 39.6544



235.0310, 9.8447, 15.7588



127.9840, 34.5179, -11.3870



115.0750, 6.3720, 9.5812



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.



147.7840, 24.7565, 39.6544



178.0590, 37.9319, 60.4613



145.1750, 8.2947, 46.3275



93.7170, 2.6045, 4.6332



64.3290, 48.6448, 77.7645



14.2700, 10.7129, 17.3032

Inverse Universe

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



140.3870, -10.0508, 50.5266



166.7710, -15.6631, 77.3768



167.8250, -8.2947, -46.3275



92.6910, -1.3267, 5.5330



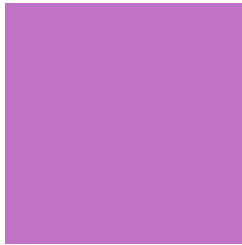
49.8770, -19.6594, 99.2089



10.9920, -4.4331, 21.9320

Previews

White Background



This preview shows how the YUV color 147.7840, 24.7565, 39.6544 looks on a white background.

Color Contrast Check

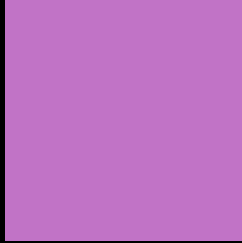
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.7840, 24.7565, 39.6544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

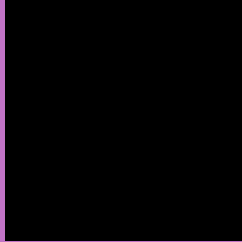
Any Text WCAG AA ✓ Pass

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 147.7840, 24.7565, 39.6544 Background



This preview shows how black text looks on a background with the YUV color 147.7840, 24.7565, 39.6544.



This preview shows how white text looks on a background with the YUV color 147.7840, 24.7565,

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

147.7840, 24.7565, 39.6544

Protanopia

142.4170, 37.7554, -23.1677

Deuteranopia

144.2260, 24.0456, -12.4762



Tritanopia

146.1830, -4.0342, 34.0425

Trichromacy



Original Color

147.7840, 24.7565, 39.6544



Protanomaly

144.5940, 32.7382, -0.5209



Deuteranomaly

145.4610, 24.4227, 6.6117



Tritanomaly

146.6530, 6.5801, 36.2613

Monochromacy



Original Color

147.7840, 24.7565, 39.6544



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.7920, 8.9765, 14.2144

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7840, 24.7565, 39.6544 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, 115, 198)` looks like.

```
.text, #text, p{  
    color:rgb(193, 115, 198)  
}
```

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, 115, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 115, 198) }
```

Border

The CSS property to change the border of an element to YUV 147.7840, 24.7565, 39.6544 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, 115, 198) }
```


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

```
.border{ border-color:rgb(193, 115, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 115, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 115, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 115, 198);  
box-shadow:4px 4px 4px 4px rgb(193, 115,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 147.7840, 24.7565, 39.6544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 115, 198) }
```

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

```
.background{ background-color: rgb(193,  
115, 198) }
```

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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