

Converting Colors

YUV(123.6700, 34.1797, 3.7974)

Have a look what the booklet for
YUV(123.6700, 34.1797, 3.7974)
contains.

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Color

**YUV(123.6700, 34.1797,
3.7974)**

Conversions

Conversions Part 1

Format	Color
Hex	806CC1
RGB	128, 108, 193
RGB Percent	50%, 42%, 76%
CMY	0.4980, 0.5765, 0.2431
CMYK	0.34, 0.44, 0.00, 0.24
HSL	254°, 41%, 59%
HSV	254°, 44%, 76%
XYZ	23.8903, 19.1646, 52.8921
YIQ	123.6700, -15.3650, 30.6750

Conversions

Conversions Part 2

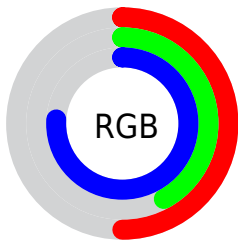
Format	Color
R _Y B	128, 108, 193
Decimal	8416449
CIE _{Lab}	50.88, 27.27, -41.91
CIE _{LCh}	51, 50.004, 303.055
Y _{xy}	19.1646, 0.2490, 0.1997
Android (android.graphics.Color)	4286606529 (0xFF806CC1)
YUV	123.6700, 34.1797, 3.7974
Hunter-Lab	43.7774, 20.8011, -40.9904

Details

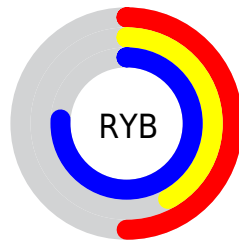
The YUV color $123.6700, 34.1797, 3.7974$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $177.3300, -34.1797, -3.7974$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.1370, 35.9215, 5.1419$, and $73.4910, 32.2959, 1.3234$ is the 20% darker color. If you saturate the color by 10%, you get $108.0320, 41.8892, 4.3569$, and if you desaturate by 10%, it is $139.3080, 26.4702, 3.2379$.

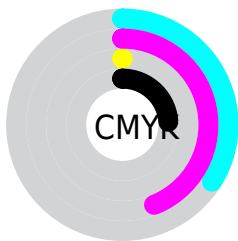
Distribution



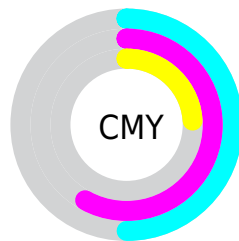
- Red (50%)
- Green (42%)
- Blue (76%)



- Red (50%)
- Yellow (42%)
- Blue (76%)



- Cyan (34%)
- Magenta (44%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6700, 34.1797, 3.7974 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 123.6700, 34.1797, 3.7974 by changing the saturation by 10% instead.

■ 123.6700, 34.1797,
3.7974

■ 123.6700, 34.1797,
3.7974

■ 255.0000, 0.0000,
0.0000

■ 98.4310, 33.3115,
2.2530

■ 177.1370, 35.9215,
5.1419

■ 73.4910, 32.2959,
1.3234

■ 201.9280, 26.1645,
7.9561

■ 49.5400, 31.2858,
-1.3506

■ 227.0350, 13.7867,
11.3703

■ 25.6920, 30.7178,
-5.8689

■ 247.9560, 3.4727,
6.1776

■ 7.2960, 27.9551,
-6.3986

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 123.6700, 34.1797,
3.7974

■ 123.6700, 34.1797,
3.7974

■ 108.0320, 41.8892,
4.3569

■ 139.3080, 26.4702,
3.2379

■ 91.8070, 49.8881,
5.4313

■ 155.5330, 18.4712,
2.1636

■ 76.4680, 57.4503,
6.6056

■ 170.8720, 10.9091,
0.9893

■ 60.8300, 65.1598,
7.1651

■ 186.5100, 3.1996,
0.4297

■ 44.6050, 73.1587,
8.2394

■ 202.1480, -4.5100,
-0.1298

■ 35.4570, 77.6687,
8.3692

■ 218.3730,
-12.5089, -1.2041

■ 233.7120,
-20.0710, -2.3784

■ 245.2410,
-25.7548, 0.6656

■ 247.9320,
-27.0815, 6.1986

Harmonies

Analogous

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



102.2410, 51.1532, -73.8794



123.6700, 34.1797, 3.7974



123.8080, 18.3357, 45.7724

Triad

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



123.6700, 34.1797, 3.7974



118.5630, -37.2526, 48.6182



97.4900, 13.0694, -85.4987

Complementary

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



123.6700, 34.1797, 3.7974



177.3300, -34.1797, -3.7974

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.



97.4050, -8.0877, -66.1302



123.6700, 34.1797, 3.7974



115.3780, -43.5704, 21.5935

Square

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



123.6700, 34.1797, 3.7974



118.7390, -20.5773, 66.8809



111.2040, -33.1316, -13.3339



101.8050, 32.1411, -89.2830

Rectangle

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



123.6700, 34.1797, 3.7974



121.0030, 5.9145, 63.1414



111.2040, -33.1316, -13.3339



95.1930, 6.8069, -83.4843

Sweetspot

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



123.6700, 34.1797, 3.7974



223.1540, 13.2351, 1.6189



155.8450, 18.3174, -41.9601



108.7750, 7.9989, 1.0743



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.



123.6700, 34.1797, 3.7974



141.7300, 53.3771, 6.3758



136.2280, 27.9886, 29.6180



88.7380, 4.0732, 0.2298



29.7160, 64.7230, 7.2651



6.1540, 13.2351, 1.6189

Inverse Universe

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



140.8250, 15.8623, 45.7575



168.3950, 24.9483, 71.5676



164.7720, -27.9886, -29.6180



90.9020, 2.0203, 5.3479



62.1610, 29.9936, 86.6818



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 123.6700, 34.1797, 3.7974 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 123.6700, 34.1797, 3.7974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

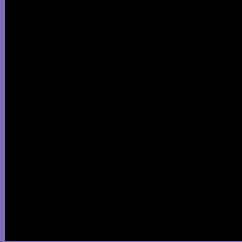
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.6700, 34.1797, 3.7974

Background



This preview shows how black text looks on a background with the YUV color 123.6700, 34.1797, 3.7974.



This preview shows how white text looks on a background with the YUV color 123.6700, 34.1797, 3.7974.

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

123.6700, 34.1797, 3.7974

Protanopia

118.1220, 41.8449, -28.1710

Deuteranopia

117.8030, 35.5931, -29.6452



Tritanopia

120.9330, 4.9630, -5.2032

Trichromacy



Original Color

123.6700, 34.1797, 3.7974

Protanomaly

119.8030, 39.0441, -16.4902

Deuteranomaly

119.7660, 35.1184, -17.3348

Tritanomaly

122.1150, 15.7193, -1.8549

Monochromacy



Original Color

123.6700, 34.1797, 3.7974

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.6270, 12.5089, 1.2041

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6700, 34.1797, 3.7974 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(128, 108, 193)` looks like.

```
.text, #text, p{  
    color:rgb(128, 108, 193)  
}
```

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(128, 108, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 108, 193) }
```

Border

The CSS property to change the border of an element to YUV 123.6700, 34.1797, 3.7974 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(128, 108, 193) }
```


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

```
.border{ border-color:rgb(128, 108, 193) }
```

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

Here you see how a box with a 4 pixel rgb(128, 108, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 108, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 108, 193);  
box-shadow:4px 4px 4px 4px rgb(128, 108,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 123.6700, 34.1797, 3.7974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 108, 193) }
```

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

```
.background{ background-color: rgb(128,  
108, 193) }
```

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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