

Converting Colors

YUV(154.8390, 21.2784,
35.2212)

Have a look what the booklet for
YUV(154.8390, 21.2784, 35.2212)
contains.

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Color

**YUV(154.8390, 21.2784,
35.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	C37EC6
RGB	195, 126, 198
RGB Percent	76%, 49%, 78%
CMY	0.2353, 0.5059, 0.2235
CMYK	0.02, 0.36, 0.00, 0.22
HSL	298°, 39%, 64%
HSV	298°, 36%, 78%
XYZ	40.1596, 30.6010, 57.2160
YIQ	154.8390, 18.0120, 37.0200

Conversions

Conversions Part 2

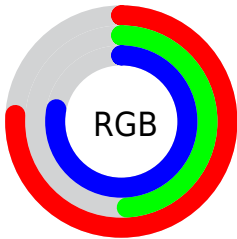
Format	Color
R_{YB}	195, 126, 198
Decimal	12811974
CIE _{Lab}	62.17, 38.26, -26.62
CIE _{LCh}	62, 46.604, 325.170
Yxy	30.6010, 0.3138, 0.2391
Android (android.graphics.Color)	4291002054 (0xFFC37EC6)
YUV	154.8390, 21.2784, 35.2212
Hunter-Lab	55.3182, 32.7795, -22.6014

Details

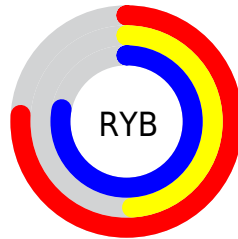
The YUV color **154.8390, 21.2784, 35.2212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169.1610, -21.2784, -35.2212**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3770, 21.9991, 37.3804**, and **102.3010, 20.5576, 33.0620** is the 20% darker color. If you saturate the color by 10%, you get **142.8000, 27.2136, 44.9024**, and if you desaturate by 10%, it is **166.8780, 15.3431, 25.5400**.

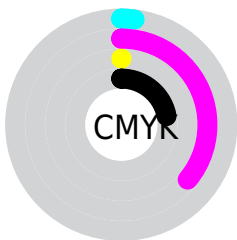
Distribution



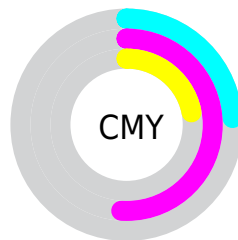
- Red (76%)
- Green (49%)
- Blue (78%)



- Red (76%)
- Yellow (49%)
- Blue (78%)



- Cyan (2%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)





- Cyan (24%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 154.8390, 21.2784, 35.2212 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 154.8390, 21.2784, 35.2212 by changing the saturation by 10% instead.


 154.8390, 21.2784,
35.2212


 154.8390, 21.2784,
35.2212


255.0000, 0.0000,
0.0000

 128.1270, 21.1364,
34.0916


 210.3770, 21.9991,
37.3804


 102.3010, 20.5576,
33.0620


 227.4110, 13.6014,
24.1956

 76.8880, 20.2682,
32.5472

 243.8470, 5.4984,
9.7812

 51.5890, 20.4156,
31.9324

 26.7030, 20.8524,
31.8325

 17.6170, 14.4858,
20.5069

 2.8500, 10.9200,

-2.4994

■ 0.0000, 0.0000,
0.0000

■ 154.8390, 21.2784,
35.2212

■ 154.8390, 21.2784,
35.2212

■ 142.8000, 27.2136,
44.9024

■ 166.8780, 15.3431,
25.5400

■ 130.7610, 33.1488,
54.5836

■ 178.9170, 9.4079,
15.8588

■ 119.6080, 38.6473,
64.3648

■ 190.0700, 3.9095,
6.0776

■ 107.5690, 44.5825,
74.0460

■ 202.1090, -2.0257,
-3.6036

■ 95.5300, 50.5177,
83.7272

■ 214.1480, -7.9610,
-13.2848

■ 83.4910, 56.4529,
93.4084

■ 226.1870,
-13.8962, -22.9660

■ 79.3820, 58.4787,
97.0120

■ 232.3560,
-16.9375, -27.4992

■ 232.6550,
-17.0849, -26.8844

Harmonies

Analogous

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



151.4620, 36.2542, -8.2982



154.8390, 21.2784, 35.2212



152.8950, 3.0098, 61.4821

Triad

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



154.8390, 21.2784, 35.2212



146.9320, -40.3925, 29.0006



121.3530, 30.8850, -106.4266

Complementary

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



154.8390, 21.2784, 35.2212



169.1610, -21.2784, -35.2212

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.



116.5650, 12.5395, -102.2275



154.8390, 21.2784, 35.2212



142.8140, -34.9113, -2.4679

Square

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



154.8390, 21.2784, 35.2212



148.8610, -32.4695, 54.4959



136.1540, -17.3309, -41.3541



122.1800, 46.7463, -107.1519

Rectangle

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



154.8390, 21.2784, 35.2212



151.1980, -9.9576, 67.3554



136.1540, -17.3309, -41.3541



119.8710, 25.2066, -105.1269

Sweetspot

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



154.8390, 21.2784, 35.2212



238.2650, 8.2504, 13.7996



136.5560, 30.2919, -9.2576



117.7220, 5.0671, 8.1368



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.



154.8390, 21.2784, 35.2212



187.7610, 33.1488, 54.5836



152.0880, 6.8586, 40.2648



93.7170, 2.6045, 4.6332



65.2260, 48.2026, 79.6088



14.2700, 10.7129, 17.3032

Inverse Universe

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



147.8700, -9.3029, 43.9640



176.9440, -14.7624, 68.4551



171.9120, -6.8586, -40.2648



92.6910, -1.3267, 5.5330



49.5350, -20.9698, 99.5088



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 154.8390, 21.2784, 35.2212 looks on a white background.

Color Contrast Check

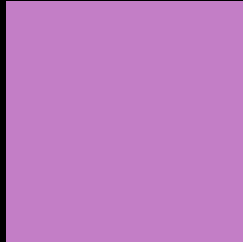
Large Text (above 18pt) WCAG AA × Fail

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 154.8390, 21.2784, 35.2212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

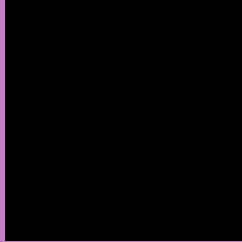
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.8390, 21.2784, 35.2212

Background



This preview shows how black text looks on a background with the YUV color 154.8390, 21.2784, 35.2212.



This preview shows how white text looks on a background with the YUV color 154.8390, 21.2784, 35.2212.

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

154.8390, 21.2784, 35.2212

Protanopia

149.9570, 32.0662, -18.3793

Deuteranopia

151.4500, 20.9772, -8.2876



Tritanopia

153.3890, -3.1498, 30.3538

Trichromacy



Original Color

154.8390, 21.2784, 35.2212

Protanomaly

151.7530, 28.2228, 1.0936

Deuteranomaly

152.5490, 20.9283, 7.4115

Tritanomaly

154.1040, 5.8647, 32.3578

Monochromacy



Original Color

154.8390, 21.2784, 35.2212

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8520, 7.9610, 13.2848

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8390, 21.2784, 35.2212 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(195, 126, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 126, 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(195, 126, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 126, 198) }
```

Border

The CSS property to change the border of an element to YUV 154.8390, 21.2784, 35.2212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

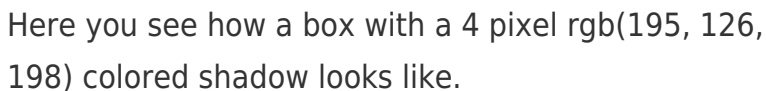
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 126, 198) }
```


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

```
.border{ border-color:rgb(195, 126, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 126, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 126, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 126, 198); box-shadow:4px 4px 4px 4px rgb(195, 126, 198) }
```

Background

The CSS property to change the background color of an element to YUV 154.8390, 21.2784, 35.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 126, 198) }
```

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

```
.background{ background-color: rgb(195,  
126, 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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