

Converting Colors

YUV(154.5240, 39.1817,
32.8665)

Have a look what the booklet for
YUV(154.5240, 39.1817, 32.8665)
contains.

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Color

**YUV(154.5240, 39.1817,
32.8665)**

Conversions

Conversions Part 1

Format	Color
Hex	C078EA
RGB	192, 120, 234
RGB Percent	75%, 47%, 92%
CMY	0.2471, 0.5294, 0.0824
CMYK	0.18, 0.49, 0.00, 0.08
HSL	278°, 73%, 69%
HSV	278°, 49%, 92%
XYZ	43.3060, 30.5799, 81.4619
YIQ	154.5240, 6.3180, 50.7180

Conversions

Conversions Part 2

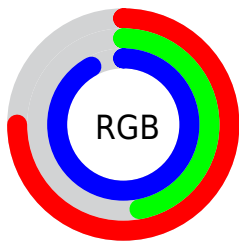
Format	Color
R _Y B	192, 120, 234
Decimal	12613866
CIE Lab	62.15, 47.89, -46.82
CIE LCh	62, 66.971, 315.645
Yxy	30.5799, 0.2788, 0.1968
Android (android.graphics.Color)	4290803946 (0xFFC078EA)
YUV	154.5240, 39.1817, 32.8665
Hunter-Lab	55.2991, 43.0139, -48.6316

Details

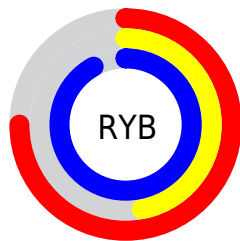
The YUV color $154.5240, 39.1817, 32.8665$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $199.4760, -39.1817, -32.8665$, and the grayscale version is $154.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.9580, 24.1777, 38.6248$, and $100.8720, 38.0241, 30.8073$ is the 20% darker color. If you saturate the color by 10%, you get $138.3320, 47.1643, 39.1738$, and if you desaturate by 10%, it is $170.7160, 31.1990, 26.5591$.

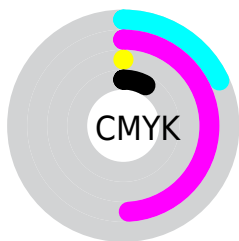
Distribution



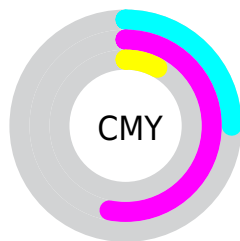
- Red (75%)
- Green (47%)
- Blue (92%)



- Red (75%)
- Yellow (47%)
- Blue (92%)



- Cyan (18%)
- Magenta (49%)
- Yellow (0%)
- Black (8%)





- Cyan (25%)
- Magenta (53%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 154.5240, 39.1817, 32.8665 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 154.5240, 39.1817, 32.8665 by changing the saturation by 10% instead.


 154.5240, 39.1817,
32.8665


 154.5240, 39.1817,
32.8665


255.0000, 0.0000,
0.0000


 127.5840, 38.1661,
31.9368


 205.9580, 24.1777,
38.6248


 100.8720, 38.0241,
30.8073


 223.8890, 15.3377,
27.2843

 75.0460, 37.4453,
29.7777

 240.9120, 6.9454,
12.3552

 46.8720, 38.0241,
30.8073

 27.7310, 35.1356,
23.9149

 17.7050, 27.7534,
11.6597

 5.8140, 22.2767,

-5.0989

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 154.5240, 39.1817,
32.8665

■ 154.5240, 39.1817,
32.8665

■ 138.3320, 47.1643,
39.1738

■ 170.7160, 31.1990,
26.5591

■ 121.8520, 55.2890,
46.6108

■ 187.1960, 23.0744,
19.1221

■ 105.6600, 63.2716,
52.9182

■ 203.3880, 15.0917,
12.8147

■ 89.1800, 71.3963,
60.3551

■ 219.8680, 6.9671,
5.3778

72.9880, 79.3789,
66.6625

236.0600, -1.0156,
-0.9296

70.9280, 80.3945,
67.5921

249.3170, -7.5513,
-4.6630

251.7090, -8.7305,
0.2552

252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



140.7850, 56.3080, -47.1694



154.5240, 39.1817, 32.8665



149.0560, 15.7484, 82.3889

Triad

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



154.5240, 39.1817, 32.8665



142.9400, -62.5814, 52.6726



125.1200, 27.5488, -109.7302

Complementary

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



154.5240, 39.1817, 32.8665



199.4760, -39.1817, -32.8665

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.



116.8780, 1.0461, -102.5020



154.5240, 39.1817, 32.8665



137.4650, -65.7982, 10.9932

Square

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



154.5240, 39.1817, 32.8665



145.4410, -38.6714, 83.8052



130.2510, -34.6337, -44.9471



129.4010, 51.5673, -113.4847

Rectangle

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



154.5240, 39.1817, 32.8665



145.1490, -2.0455, 96.3393



130.2510, -34.6337, -44.9471



122.7260, 18.3761, -107.6307

Sweetspot

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



154.5240, 39.1817, 32.8665



228.5080, 13.0606, 10.9555



158.8240, 37.0618, -34.0486



111.8080, 7.9827, 6.3074



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.



154.5240, 39.1817, 32.8665



151.9780, 50.7898, 42.9923



165.6000, 27.3122, 59.9868



109.3470, 3.7729, 3.2037



54.7200, 62.2560, 51.9886



16.3220, 18.5753, 15.5036

Inverse Universe

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



158.8740, 1.5411, 65.8855



157.5220, 2.2077, 85.4882



188.4000, -27.3122, -59.9868



109.7450, 0.1257, 6.3626



61.7570, 2.5848, 104.5761



18.4260, 0.7760, 31.1984

Previews

White Background



This preview shows how the YUV color 154.5240, 39.1817, 32.8665 looks on a white background.

Color Contrast Check

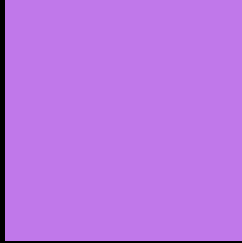
Large Text (above 18pt) WCAG AA × Fail

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 154.5240, 39.1817, 32.8665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

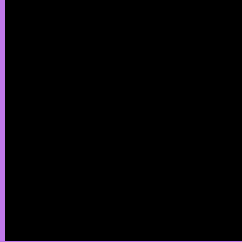
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.5240, 39.1817, 32.8665

Background



This preview shows how black text looks on a background with the YUV color 154.5240, 39.1817, 32.8665.



This preview shows how white text looks on a background with the YUV color 154.5240, 39.1817, 32.8665.

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

154.5240, 39.1817, 32.8665

Protanopia

146.4550, 53.5127, -37.2330

Deuteranopia

147.8290, 39.5243, -30.5450



Tritanopia

152.9150, -0.9441, 22.8765

Trichromacy



Original Color

154.5240, 39.1817, 32.8665



Protanomaly

149.2410, 48.1952, -11.6124



Deuteranomaly

150.2710, 39.3064, -7.2537



Tritanomaly

153.7210, 13.4485, 26.5547

Monochromacy



Original Color

154.5240, 39.1817, 32.8665



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.5620, 14.5129, 11.7851

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5240, 39.1817, 32.8665 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(192, 120, 234)` looks like.

```
.text, #text, p{  
    color:rgb(192, 120, 234)  
}
```

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(192, 120, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 120, 234) }
```

Border

The CSS property to change the border of an element to YUV 154.5240, 39.1817, 32.8665 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(192, 120, 234) }
```


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

```
.border{ border-color:rgb(192, 120, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 120, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 120, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 120, 234); box-shadow:4px 4px 4px 4px rgb(192, 120, 234) }
```

Background

The CSS property to change the background color of an element to YUV 154.5240, 39.1817, 32.8665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 120, 234) }
```

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

```
.background{ background-color: rgb(192,  
120, 234) }
```

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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