

Converting Colors

YUV(154.7840, 17.8545,
13.3444)

Have a look what the booklet for
YUV(154.7840, 17.8545, 13.3444)
contains.

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Color

**YUV(154.7840, 17.8545,
13.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8CBF
RGB	170, 140, 191
RGB Percent	67%, 55%, 75%
CMY	0.3333, 0.4510, 0.2510
CMYK	0.11, 0.27, 0.00, 0.25
HSL	275°, 28%, 65%
HSV	275°, 27%, 75%
XYZ	35.3596, 31.0638, 53.4225
YIQ	154.7840, 1.5090, 22.2210

Conversions

Conversions Part 2

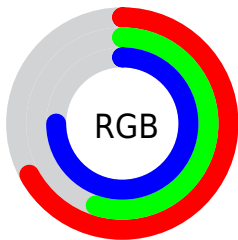
Format	Color
R _Y B	170, 140, 191
Decimal	11177151
CIE _{Lab}	62.56, 20.98, -22.29
CIE _{LCh}	63, 30.611, 313.261
Y _{xy}	31.0638, 0.2950, 0.2592
Android (android.graphics.Color)	4289367231 (0xFFAA8CBF)
Y _{UV}	154.7840, 17.8545, 13.3444
Hunter-Lab	55.7349, 15.7088, -17.8156

Details

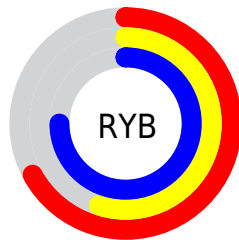
The YUV color **154.7840, 17.8545, 13.3444** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176.2160, -17.8545, -13.3444**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6100, 18.4333, 14.3740**, and **103.4310, 16.5495, 11.9000** is the 20% darker color. If you saturate the color by 10%, you get **141.2390, 24.5322, 18.2074**, and if you desaturate by 10%, it is **168.3290, 11.1768, 8.4815**.

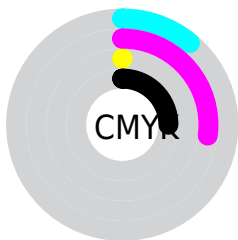
Distribution



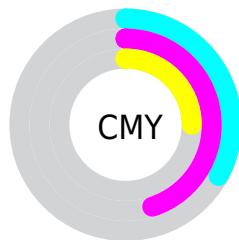
- Red (67%)
- Green (55%)
- Blue (75%)



- Red (67%)
- Yellow (55%)
- Blue (75%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.7840, 17.8545, 13.3444 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 154.7840, 17.8545, 13.3444 by changing the saturation by 10% instead.

■ 154.7840, 17.8545,
13.3444

■ 154.7840, 17.8545,
13.3444

255.0000, 0.0000,
0.0000

■ 128.3710, 17.5651,
12.8296

■ 209.6100, 18.4333,
14.3740

■ 103.4310, 16.5495,
11.9000

■ 235.6290, 9.5499,
16.9884

■ 79.0180, 16.2601,
11.3852

■ 252.0650, 1.4470,
2.5740

■ 55.4910, 15.5339,
10.9704

■ 33.6650, 14.9552,
9.9408

■ 12.5620, 14.5129,
11.7851

■ 2.8670, 8.4466,

-2.5144

0.0000, 0.0000,
0.0000

154.7840, 17.8545,
13.3444

154.7840, 17.8545,
13.3444

141.2390, 24.5322,
18.2074

168.3290, 11.1768,
8.4815

127.6940, 31.2099,
23.0704

181.8740, 4.4991,
3.6185

114.1490, 37.8875,
27.9333

195.4190, -2.1786,
-1.2445

100.9030, 44.4178,
33.4111

208.6650, -8.7088,
-6.7222

87.3580, 51.0955,
38.2740

222.7970,
-15.6759, -12.1000

73.2260, 58.0626,
43.6518

236.3420,
-22.3536, -16.9629

59.6810, 64.7403,
48.5148

238.7340,
-23.5329, -12.0447

55.2620, 66.9188,
49.7592

241.1260,
-24.7121, -7.1265

243.5180,
-25.8914, -2.2083

Harmonies

Analogous

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



151.0730, 26.0930, -15.8500



154.7840, 17.8545, 13.3444



155.5280, 6.1487, 34.6169

Triad

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



154.7840, 17.8545, 13.3444



150.6450, -24.9680, 28.3753



135.1600, 13.7251, -62.4073

Complementary

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



154.7840, 17.8545, 13.3444



176.2160, -17.8545, -13.3444

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.



140.6500, -2.7854, -40.0350



154.7840, 17.8545, 13.3444



148.2250, -24.7609, 8.5727

Square

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



154.7840, 17.8545, 13.3444



152.7420, -18.6068, 41.4453



145.1340, -16.8281, -15.9035



135.0420, 26.1083, -67.5658

Rectangle

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



154.7840, 17.8545, 13.3444



154.5800, -2.7509, 42.4643



145.1340, -16.8281, -15.9035



137.0100, 7.8831, -55.2598

Sweetspot

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



154.7840, 17.8545, 13.3444



233.4550, 6.6777, 4.8630



158.1410, 16.1995, -15.9097



115.8740, 4.4991, 3.6185



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.



154.7840, 17.8545, 13.3444



191.0590, 27.5789, 20.9963



160.6070, 13.0117, 26.6547



87.5210, 3.1941, 2.1741



45.8190, 55.3052, 41.3777



8.9160, 10.8874, 7.9667

Inverse Universe

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



157.6430, 1.6550, 29.2541



195.3830, 2.7692, 45.2681



170.3930, -13.0117, -26.6547



88.1470, 0.4205, 5.1331



54.6520, 5.1016, 90.6362



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 154.7840, 17.8545, 13.3444 looks on a white background.

Color Contrast Check

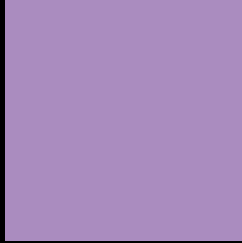
Large Text (above 18pt) WCAG AA × Fail

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 154.7840, 17.8545, 13.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

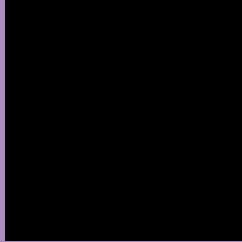
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.7840, 17.8545, 13.3444

Background



This preview shows how black text looks on a background with the YUV color 154.7840, 17.8545, 13.3444.



This preview shows how white text looks on a background with the YUV color 154.7840, 17.8545, 13.3444.

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

154.7840, 17.8545, 13.3444

Protanopia

151.8840, 22.7352, -12.1763

Deuteranopia

152.3750, 18.0561, -4.7139



Tritanopia

153.0490, 2.4408, 10.4810

Trichromacy



Original Color

154.7840, 17.8545, 13.3444

Protanomaly

152.7820, 20.8135, -2.4398

Deuteranomaly

153.1200, 18.1818, 1.6488

Tritanomaly

153.8410, 7.9664, 11.5404

Monochromacy



Original Color

154.7840, 17.8545, 13.3444

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0420, 6.3883, 4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.7840, 17.8545, 13.3444 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(170, 140, 191)` looks like.

```
.text, #text, p{  
    color:rgb(170, 140, 191)  
}
```

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(170, 140, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 140, 191) }
```

Border

The CSS property to change the border of an element to YUV 154.7840, 17.8545, 13.3444 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(170, 140, 191) }
```


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

```
.border{ border-color:rgb(170, 140, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 140, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 140, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 140, 191);  
box-shadow:4px 4px 4px 4px rgb(170, 140,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 154.7840, 17.8545, 13.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 140, 191) }
```

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

```
.background{ background-color: rgb(170,  
140, 191) }
```

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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