

Converting Colors

YUV(194.9870, 16.7684,
35.0914)

Have a look what the booklet for
YUV(194.9870, 16.7684, 35.0914)
contains.

YUV(194.9870, 16.7684, 35.0914)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(194.9870, 16.7684,
35.0914)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA8E5
RGB	235, 168, 229
RGB Percent	92%, 66%, 90%
CMY	0.0784, 0.3412, 0.1020
CMYK	0.00, 0.29, 0.03, 0.08
HSL	305°, 63%, 79%
HSV	305°, 29%, 92%
XYZ	62.4064, 51.3246, 80.7462
YIQ	194.9870, 20.3510, 33.1750

Conversions

Conversions Part 2

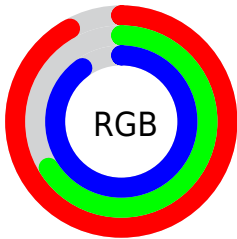
Format	Color
R _Y B	235, 168, 229
Decimal	15444197
CIE Lab	76.88, 34.25, -20.90
CIE LCh	77, 40.126, 328.610
Yxy	51.3246, 0.3209, 0.2639
Android (android.graphics.Color)	4293634277 (0xFFEBA8E5)
YUV	194.9870, 16.7684, 35.0914
Hunter-Lab	71.6412, 30.1188, -16.6765

Details

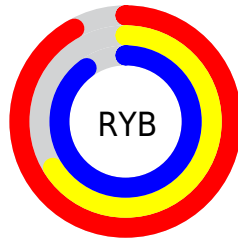
The YUV color **194.9870, 16.7684, 35.0914** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **208.0130, -16.7684, -35.0914**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8030, 8.9711, 15.9588**, and **140.4490, 16.0476, 32.9322** is the 20% darker color. If you saturate the color by 10%, you get **181.2580, 22.5508, 47.1317**, and if you desaturate by 10%, it is **209.3030, 10.6966, 22.5363**.

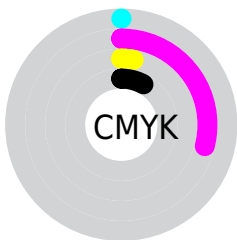
Distribution



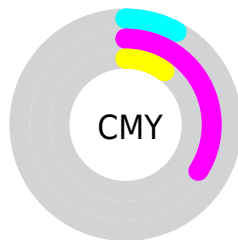
- Red (92%)
- Green (66%)
- Blue (90%)



- Red (92%)
- Yellow (66%)
- Blue (90%)



- Cyan (0%)
- Magenta (29%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (34%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.9870, 16.7684, 35.0914 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 194.9870, 16.7684, 35.0914 by changing the saturation by 10% instead.

194.9870, 16.7684,
35.0914

194.9870, 16.7684,
35.0914

255.0000, 0.0000,
0.0000

167.2750, 16.6264,
33.9618

236.8030, 8.9711,
15.9588

140.4490, 16.0476,
32.9322

253.8260, 0.5788,
1.0296

114.7370, 15.9057,
31.8027

89.0250, 15.7637,
30.6731

64.6120, 15.4743,
30.1583

39.7260, 15.9111,
30.0583

20.2370, 14.1802,

25.2252

■ 11.2650, 8.2504,
13.7996

■ 0.0000, 0.0000,
0.0000

■ 194.9870, 16.7684,
35.0914

■ 194.9870, 16.7684,
35.0914

■ 181.2580, 22.5508,
47.1317

■ 209.3030, 10.6966,
22.5363

■ 166.9420, 28.6226,
59.6869

■ 223.0320, 4.9142,
10.4959

■ 153.2130, 34.4050,
71.7272

■ 236.7610, -0.8682,
-1.5444

■ 138.8970, 40.4768,
84.2823

■ 246.9680, -4.9142,
-10.4959

125.0540, 45.8224,
96.4226

247.3100, -3.6038,
-10.7959

110.7380, 51.8942,
108.9778

247.5380, -2.7302,
-10.9958

97.0090, 57.6766,
121.0181

247.7660, -1.8566,
-11.1958

94.6610, 58.8341,
123.0773

247.9940, -0.9830,
-11.3957

248.2220, -0.1094,
-11.5957

Harmonies

Analogous

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



192.7250, 30.7016, -0.6358



194.9870, 16.7684, 35.0914



192.7540, 0.1213, 54.5897

Triad

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



194.9870, 16.7684, 35.0914



187.4630, -35.7243, 25.0269



159.2820, 31.9060, -107.2413

Complementary

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



194.9870, 16.7684, 35.0914



208.0130, -16.7684, -35.0914

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.



169.7040, 8.5269, -75.1624



194.9870, 16.7684, 35.0914



183.4700, -29.8117, -4.7972

Square

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



194.9870, 16.7684, 35.0914



189.8710, -30.9954, 48.3481



178.0880, -13.8474, -38.6652



168.8080, 41.0137, -88.4086

Rectangle

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



194.9870, 16.7684, 35.0914



190.4910, -11.0881, 56.5744



178.0880, -13.8474, -38.6652



162.3880, 24.4587, -98.5643

Sweetspot

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



194.9870, 16.7684, 35.0914



241.2710, 5.7824, 12.0403



177.4320, 28.3810, -3.0099



118.9670, 3.4673, 7.9219



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.



194.9870, 16.7684, 35.0914



203.0190, 21.6826, 45.5873



191.2250, 2.3541, 38.3907



110.4290, 2.7465, 5.7628



72.9290, 45.3910, 94.7783



21.7320, 13.4431, 28.2990

Inverse Universe

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



194.9870, 16.7684, 35.0914



203.0190, 21.6826, 45.5873



211.7750, -2.3541, -38.3907



110.4290, 2.7465, 5.7628



72.9290, 45.3910, 94.7783



21.7320, 13.4431, 28.2990

Previews

White Background



This preview shows how the YUV color 194.9870, 16.7684, 35.0914 looks on a white background.

Color Contrast Check

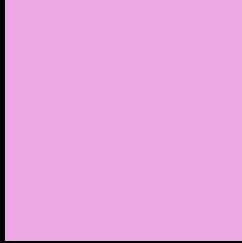
Large Text (above 18pt) WCAG AA × Fail

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 194.9870, 16.7684, 35.0914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

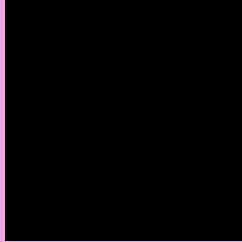
Any Text WCAG AA ✓ Pass

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 194.9870, 16.7684, 35.0914 Background



This preview shows how black text looks on a background with the YUV color 194.9870, 16.7684, 35.0914.



This preview shows how white text looks on a background with the YUV color 194.9870, 16.7684,

35.0914.

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

194.9870, 16.7684, 35.0914

Protanopia

190.6820, 25.7928, -12.8761

Deuteranopia

192.0550, 16.7349, -0.9252



Tritanopia

193.6280, -2.2816, 31.8982

Trichromacy



Original Color

194.9870, 16.7684, 35.0914



Protanomaly

192.2820, 22.5390, 4.1377



Deuteranomaly

192.8440, 16.8389, 12.4148



Tritanomaly

194.1750, 4.8437, 33.1725

Monochromacy



Original Color

194.9870, 16.7684, 35.0914



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.9830, 5.9244, 13.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.9870, 16.7684, 35.0914 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(235, 168, 229)` looks like.

```
.text, #text, p{  
    color:rgb(235, 168, 229)  
}
```

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(235, 168, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 168, 229) }
```

Border

The CSS property to change the border of an element to YUV 194.9870, 16.7684, 35.0914 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(235, 168, 229) }
```


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

```
.border{ border-color:rgb(235, 168, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 168, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 168, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 168, 229);  
box-shadow:4px 4px 4px 4px rgb(235, 168,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 194.9870, 16.7684, 35.0914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 168, 229) }
```

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

```
.background{ background-color: rgb(235,  
168, 229) }
```

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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