

# Converting Colors

YUV(194.4260, 20.9890,  
34.7064)

Have a look what the booklet for  
YUV(194.4260, 20.9890, 34.7064)  
contains.

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# Color

**YUV(194.4260, 20.9890,  
34.7064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAA6ED
RGB	234, 166, 237
RGB Percent	92%, 65%, 93%
CMY	0.0824, 0.3490, 0.0706
CMYK	0.01, 0.30, 0.00, 0.07
HSL	297°, 66%, 79%
HSV	297°, 30%, 93%
XYZ	62.8540, 50.8793, 86.6287
YIQ	194.4260, 17.7370, 36.4970

# Conversions

## Conversions Part 2

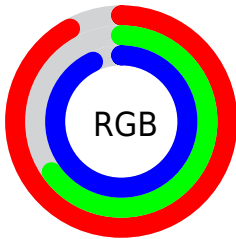
Format	Color
<a href="#">RYB</a>	<a href="#">234, 166, 237</a>
Decimal	<a href="#">15378157</a>
CIELab	<a href="#">76.61, 36.45, -25.66</a>
CIElCh	<a href="#">77, 44.576, 324.857</a>
Yxy	<a href="#">50.8793, 0.3137, 0.2539</a>
Android (android.graphics.Color)	<a href="#">4293568237 (0xFFEAA6ED)</a>
YUV	<a href="#">194.4260, 20.9890, 34.7064</a>
Hunter-Lab	<a href="#">71.3297, 32.4627, -22.0759</a>

# Details

The YUV color **194.4260, 20.9890, 34.7064** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **208.5740, -20.9890, -34.7064**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6290, 9.5499, 16.9884**, and **139.8880, 20.2682, 32.5472** is the 20% darker color. If you saturate the color by 10%, you get **180.0390, 28.0818, 46.4468**, and if you desaturate by 10%, it is **208.8130, 13.8962, 22.9660**.

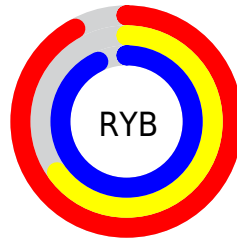
# Distribution



Red (92%)

Green (65%)

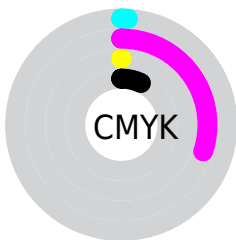
Blue (93%)



Red (92%)

Yellow (65%)

Blue (93%)

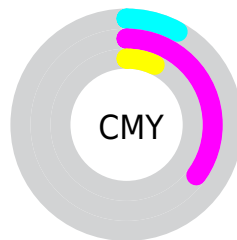


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (35%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.4260, 20.9890, 34.7064 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 194.4260, 20.9890, 34.7064 by changing the saturation by 10% instead.



194.4260, 20.9890,  
34.7064

194.4260, 20.9890,  
34.7064

255.0000, 0.0000,  
0.0000

166.7140, 20.8470,  
33.5768

235.6290, 9.5499,  
16.9884

139.8880, 20.2682,  
32.5472

252.6520, 1.1576,  
2.0592

114.0620, 19.6894,  
31.5176

88.3500, 19.5475,  
30.3881

63.6380, 19.4055,  
29.2585

38.0510, 19.6949,  
29.7733

20.6220, 16.9484,

24.0105

■ 11.6500, 11.0186,  
12.5849

■ 0.6840, 2.6208,  
-0.5999

■ 194.4260, 20.9890,  
34.7064

■ 194.4260, 20.9890,  
34.7064

■ 180.0390, 28.0818,  
46.4468

■ 208.8130, 13.8962,  
22.9660

■ 166.2390, 34.8852,  
57.6724

■ 222.6130, 7.0928,  
11.7404

■ 151.8520, 41.9780,  
69.4128

■ 237.0000, 0.0000,  
0.0000

■ 137.4650, 49.0708,  
81.1532

■ 247.8650, -5.3564,  
-8.6516

123.0780, 56.1635,  
92.8936

248.1640, -5.5039,  
-8.0368

109.2780, 62.9669,  
104.1192

248.4630, -5.6513,  
-7.4221

94.8910, 70.0597,  
115.8596

248.7620, -5.7987,  
-6.8073

249.0610, -5.9461,  
-6.1925

249.3600, -6.0935,  
-5.5777

# Harmonies

## Analogous

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



190.0340, 32.0282, -6.1688



194.4260, 20.9890, 34.7064



190.9760, 3.4628, 56.1490

# Triad

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



194.4260, 20.9890, 34.7064



186.4700, -39.6717, 31.1598



148.5780, 36.1970, -130.3029

# Complementary

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



194.4260, 20.9890, 34.7064



208.5740, -20.9890, -34.7064

# 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.



164.7200, 7.5330, -83.0694



194.4260, 20.9890, 34.7064



182.5260, -34.7693, -1.3383

# Square

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



194.4260, 20.9890, 34.7064



189.4590, -32.7643, 55.7255



176.3500, -17.9205, -38.8949



149.4050, 52.0583, -131.0282



# Rectangle

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



194.4260, 20.9890, 34.7064



187.7840, -8.7675, 58.9484



176.3500, -17.9205, -38.8949



147.6830, 30.2293, -129.5180

# Sweetspot

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



194.4260, 20.9890, 34.7064



241.2000, 6.8034, 11.2256



176.4420, 29.8551, -9.1576



118.8960, 4.4883, 7.1072



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.



194.4260, 20.9890, 34.7064



199.8000, 27.2136, 44.9024



191.6750, 6.5692, 39.7500



110.5430, 3.1833, 5.6628



72.3610, 53.5590, 88.2604



21.4050, 16.0693, 25.9548



# Inverse Universe

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



187.5710, -9.1555, 43.3492



190.9640, -11.8143, 56.1596



211.3250, -6.5692, -39.7500



109.2890, -1.6215, 6.7625



55.0310, -23.1863, 110.4748



16.3740, -7.0864, 32.9980



# Previews

## White Background



This preview shows how the YUV color 194.4260, 20.9890, 34.7064 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

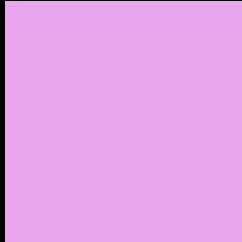
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 194.4260, 20.9890, 34.7064 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

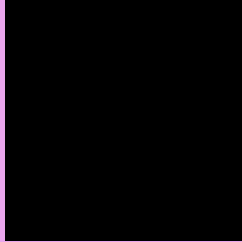
Any Text WCAG AA ✓ Pass

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 194.4260, 20.9890, 34.7064 Background



This preview shows how black text looks on a background with the YUV color 194.4260, 20.9890, 34.7064.



This preview shows how white text looks on a background with the YUV color 194.4260, 20.9890,



# 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

194.4260, 20.9890, 34.7064

### Protanopia

189.6260, 30.7504, -16.3350

### Deuteranopia

190.4720, 20.9663, -4.7989



## Tritanopia

192.1440, -1.5500, 30.5687

# Trichromacy



## Original Color

194.4260, 20.9890, 34.7064



## Protanomaly

191.2370, 27.4912, 2.4232



## Deuteranomaly

191.8590, 20.7755, 9.7707



## Tritanomaly

193.2180, 6.3015, 32.2578

# Monochromacy



## Original Color

194.4260, 20.9890, 34.7064



## Achromatopsia

194.0000, 0.0000, 0.0000



## Achromatomaly

194.4390, 7.6716, 12.7700

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.4260, 20.9890, 34.7064 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(234, 166, 237)` looks like.

```
.text, #text, p{  
    color:rgb(234, 166, 237)  
}
```

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(234, 166, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 166, 237) }
```

## Border

The CSS property to change the border of an element to YUV 194.4260, 20.9890, 34.7064 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(234, 166, 237) }
```



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

```
.border{ border-color:rgb(234, 166, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 166, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 166, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 166, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 166,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 194.4260, 20.9890, 34.7064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 166, 237) }
```

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

```
.background{ background-color: rgb(234,  
166, 237) }
```

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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