

Converting Colors

YUV(195.5330, 8.6112, 38.1206)

Have a look what the booklet for
YUV(195.5330, 8.6112, 38.1206)
contains.

YUV(195.5330, 8.6112, 38.1206)	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(195.5330, 8.6112,
38.1206)**

Conversions

Conversions Part 1

Format	Color
Hex	EFAAD5
RGB	239, 170, 213
RGB Percent	94%, 67%, 84%
CMY	0.0627, 0.3333, 0.1647
CMYK	0.00, 0.29, 0.11, 0.06
HSL	323°, 68%, 80%
HSV	323°, 29%, 94%
XYZ	61.9816, 51.9043, 69.7025
YIQ	195.5330, 27.3210, 28.0010

Conversions

Conversions Part 2

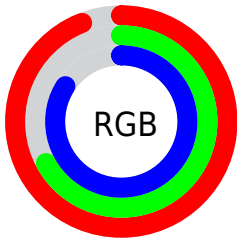
Format	Color
R _Y B	239, 170, 213
Decimal	15706837
CIE Lab	77.22, 31.76, -11.64
CIE LCh	77, 33.828, 339.876
Yxy	51.9043, 0.3376, 0.2827
Android (android.graphics.Color)	4293896917 (0xFFEFAAD5)
YUV	195.5330, 8.6112, 38.1206
Hunter-Lab	72.0446, 27.4894, -6.9313

Details

The YUV color **195.5330, 8.6112, 38.1206** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **213.4670, -8.6112, -38.1206**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **141.1090, 8.3273, 35.8614** is the 20% darker color. If you saturate the color by 10%, you get **180.4190, 11.6254, 51.3755**, and if you desaturate by 10%, it is **210.6470, 5.5970, 24.8656**.

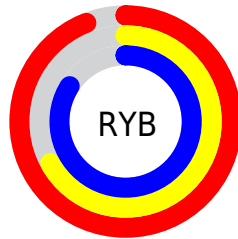
Distribution



Red (94%)

Green (67%)

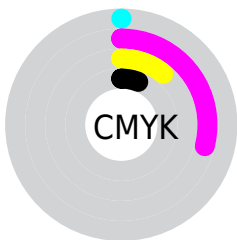
Blue (84%)



Red (94%)

Yellow (67%)

Blue (84%)

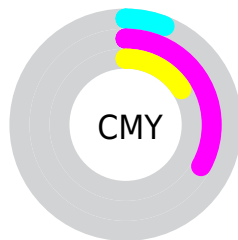


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (6%)



Cyan (6%)


Magenta (33%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.5330, 8.6112, 38.1206 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 195.5330, 8.6112, 38.1206 by changing the saturation by 10% instead.


 195.5330, 8.6112,
38.1206

 195.5330, 8.6112,
38.1206


255.0000, 0.0000,
0.0000

 167.8210, 8.4692,
36.9910


 237.9770, 8.3923,
14.9292

 141.1090, 8.3273,
35.8614

 115.3970, 8.1853,
34.7318

 89.7990, 8.4801,
33.5023

 65.2010, 8.7749,
32.2727

 41.0160, 9.3591,
31.5580

 19.8800, 8.9332,

28.1692

■ 10.7940, 2.5666,
16.8437

■ 0.0000, 0.0000,
0.0000

■ 195.5330, 8.6112,
38.1206

■ 195.5330, 8.6112,
38.1206

■ 180.4190, 11.6254,
51.3755

■ 210.6470, 5.5970,
24.8656

■ 165.3050, 14.6396,
64.6305

■ 225.7610, 2.5828,
11.6106

■ 150.1910, 17.6538,
77.8855

■ 240.8750, -0.4314,
-1.6444

■ 135.0770, 20.6680,
91.1405

■ 249.5320, -0.2623,
-9.2366

■ 119.9630, 23.6822,
104.3954

■ 250.2160, 2.3585,
-9.8364

■ 105.4360, 26.4071,
117.1356

■ 90.3220, 29.4213,
130.3906

■ 88.4470, 29.8526,
132.0350

Harmonies

Analogous

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



194.5110, 21.9331, 11.8299



195.5330, 8.6112, 38.1206



194.3100, -6.5618, 51.4711

Triad

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



195.5330, 8.6112, 38.1206



187.8080, -28.9923, 12.4464



173.4540, 27.8772, -74.9432

Complementary

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



195.5330, 8.6112, 38.1206



213.4670, -8.6112, -38.1206

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.



174.1980, 12.7204, -66.8256



195.5330, 8.6112, 38.1206



184.4070, -20.9067, -14.3889

Square

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



195.5330, 8.6112, 38.1206



191.0650, -28.6260, 35.0230



179.2430, -5.5428, -42.3091



181.0680, 33.4905, -55.3106

Rectangle

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



195.5330, 8.6112, 38.1206



193.4920, -16.0186, 51.3115



179.2430, -5.5428, -42.3091



172.7160, 23.8040, -75.1729

Sweetspot

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



195.5330, 8.6112, 38.1206



240.4730, 2.7248, 12.7402



185.3410, 26.4539, 8.4709



118.5110, 1.7201, 8.3219



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.



195.5330, 8.6112, 38.1206



198.8810, 10.9047, 49.2164



191.6570, -6.2399, 41.5198



112.3860, 1.2887, 6.6775



68.0120, 22.6721, 101.7215



20.7340, 7.0331, 30.9283

Inverse Universe

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



195.5330, 8.6112, 38.1206



198.8810, 10.9047, 49.2164



217.3430, 6.2399, -41.5198



112.3860, 1.2887, 6.6775



68.0120, 22.6721, 101.7215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 195.5330, 8.6112, 38.1206 looks on a white background.

Color Contrast Check

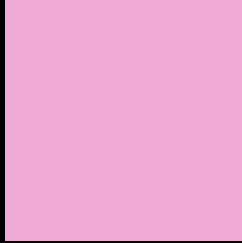
Large Text (above 18pt) WCAG AA × Fail

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 195.5330, 8.6112, 38.1206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

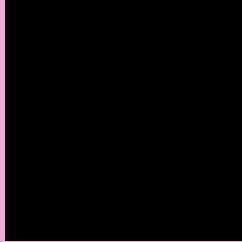
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.5330, 8.6112, 38.1206

Background



This preview shows how black text looks on a background with the YUV color 195.5330, 8.6112, 38.1206.



This preview shows how white text looks on a background with the YUV color 195.5330, 8.6112,

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

195.5330, 8.6112, 38.1206

Protanopia

191.7230, 16.8986, -6.7731

Deuteranopia

193.2210, 8.2720, 6.8222



Tritanopia

194.1340, -3.0241, 36.7165

Trichromacy



Original Color

195.5330, 8.6112, 38.1206



Protanomaly

193.0240, 13.7922, 9.6260



Deuteranomaly

193.9990, 8.3815, 18.4179



Tritanomaly

194.8720, 1.0491, 36.9463

Monochromacy



Original Color

195.5330, 8.6112, 38.1206



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.1850, 2.8668, 13.8698

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.5330, 8.6112, 38.1206 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(239, 170, 213)` looks like.

```
.text, #text, p{  
    color:rgb(239, 170, 213)  
}
```

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(239, 170, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 170, 213) }
```

Border

The CSS property to change the border of an element to YUV 195.5330, 8.6112, 38.1206 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(239, 170, 213) }
```


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

```
.border{ border-color:rgb(239, 170, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 170, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 170, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 170, 213);  
box-shadow:4px 4px 4px 4px rgb(239, 170,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 195.5330, 8.6112, 38.1206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 170, 213) }
```

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

```
.background{ background-color: rgb(239,  
170, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor