

Converting Colors

YUV(134.8100, 8.4747, 35.2466)

Have a look what the booklet for
YUV(134.8100, 8.4747, 35.2466)
contains.

YUV(134.8100, 8.4747, 35.2466)	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(134.8100, 8.4747,
35.2466)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6F98
RGB	175, 111, 152
RGB Percent	69%, 44%, 60%
CMY	0.3137, 0.5647, 0.4039
CMYK	0.00, 0.37, 0.13, 0.31
HSL	322°, 29%, 56%
HSV	322°, 37%, 69%
XYZ	29.0311, 22.7498, 32.5668
YIQ	134.8100, 24.9830, 26.3190

Conversions

Conversions Part 2

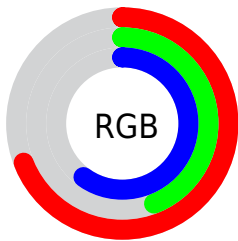
Format	Color
RYB	175, 111, 152
Decimal	11497368
CIELab	54.81, 31.50, -11.66
CIElCh	55, 33.585, 339.685
Yxy	22.7498, 0.3442, 0.2697
Android (android.graphics.Color)	4289687448 (0xFFAF6F98)
YUV	134.8100, 8.4747, 35.2466
Hunter-Lab	47.6968, 25.1764, -7.0948

Details

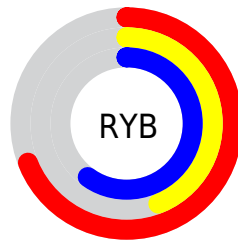
The YUV color **134.8100, 8.4747, 35.2466** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **151.1900, -8.4747, -35.2466**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.1200, 8.3218, 37.6058**, and **83.5000, 8.6275, 32.8875** is the 20% darker color. If you saturate the color by 10%, you get **124.1470, 10.7735, 44.5981**, and if you desaturate by 10%, it is **146.0600, 5.8864, 25.3804**.

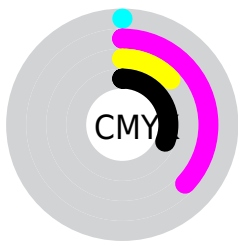
Distribution



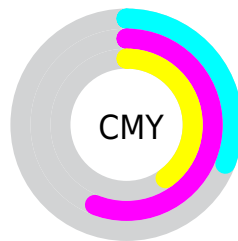
- Red (69%)
- Green (44%)
- Blue (60%)



- Red (69%)
- Yellow (44%)
- Blue (60%)



- Cyan (0%)
- Magenta (37%)
- Yellow (13%)
- Black (31%)





- Cyan (31%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 134.8100, 8.4747, 35.2466 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 134.8100, 8.4747, 35.2466 by changing the saturation by 10% instead.

 134.8100, 8.4747,
35.2466


 134.8100, 8.4747,
35.2466


255.0000, 0.0000,
0.0000


 109.0980, 8.3327,
34.1171


 189.1200, 8.3218,
37.6058


 83.5000, 8.6275,
32.8875


 215.1520, 9.7851,
34.9467


 59.4890, 8.6329,
31.1431

 233.8680, 10.4181,
18.5328

 34.7170, 9.5065,
30.9432

 250.8910, 2.0257,
3.6036

 17.8150, 7.4862,
25.5952

 6.4790, 0.2569,
10.9809

 0.0000, 0.0000,

0.0000

134.8100, 8.4747,
35.2466

134.8100, 8.4747,
35.2466

124.1470, 10.7735,
44.5981

146.0600, 5.8864,
25.3804

112.7830, 12.9250,
54.5643

156.8370, 4.0244,
15.9290

102.1200, 15.2238,
63.9158

167.5000, 1.7255,
6.5775

90.8700, 17.8121,
73.7820

178.7500, -0.8628,
-3.2887

80.2070, 20.1109,
83.1335

190.0000, -3.4510,
-13.1550

68.8430, 22.2624,
93.0997

200.7770, -5.3131,
-22.6064

■ 65.0930, 23.1252,
96.3884

■ 212.0270, -7.9013,
-32.4727

■ 222.6900,
-10.2002, -41.8241

■ 225.8360, -8.3001,
-44.5832

Harmonies

Analogous

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



134.4570, 20.4807, 11.0002



134.8100, 8.4747, 35.2466



133.3310, -5.0932, 47.0677

Triad

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



134.8100, 8.4747, 35.2466



127.9650, -27.0977, 11.4317



104.1530, 30.9836, -91.3422

Complementary

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



134.8100, 8.4747, 35.2466



151.1900, -8.4747, -35.2466

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.



107.0330, 16.2527, -79.8359



134.8100, 8.4747, 35.2466



124.4610, -19.4543, -13.5593

Square

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



134.8100, 8.4747, 35.2466



130.9120, -26.5786, 31.6492



119.1830, -4.5272, -41.3795



117.0240, 33.5122, -62.2880

Rectangle

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



134.8100, 8.4747, 35.2466



132.6270, -14.1131, 46.8081



119.1830, -4.5272, -41.3795



103.8280, 27.1998, -91.0572

Sweetspot

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



134.8100, 8.4747, 35.2466



211.2990, 3.3036, 13.7698



124.8740, 24.7121, 7.1265



105.5110, 1.7201, 8.3219



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



134.8100, 8.4747, 35.2466



164.1960, 13.2144, 55.0791



131.2760, -5.0661, 38.3459



81.3750, 1.2941, 4.9331



55.7940, 19.8216, 82.6187



8.5870, 3.1616, 12.6402

Inverse Universe

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



134.8100, 8.4747, 35.2466



164.1960, 13.2144, 55.0791



154.7240, 5.0661, -38.3459



81.3750, 1.2941, 4.9331



55.7940, 19.8216, 82.6187



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 134.8100, 8.4747, 35.2466 looks on a white background.

Color Contrast Check

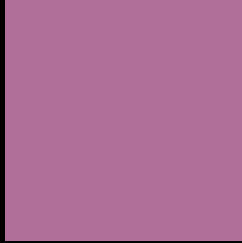
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.8100, 8.4747, 35.2466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

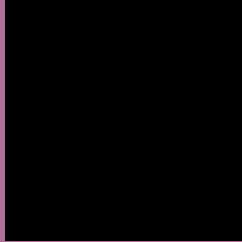
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.8100, 8.4747, 35.2466

Background



This preview shows how black text looks on a background with the YUV color 134.8100, 8.4747, 35.2466.



This preview shows how white text looks on a background with the YUV color 134.8100, 8.4747,

35.2466.

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

134.8100, 8.4747, 35.2466

Protanopia

131.8970, 16.3198, -7.8027

Deuteranopia

132.7860, 7.9935, 2.8187



Tritanopia

133.7700, -4.3236, 33.5277

Trichromacy



Original Color

134.8100, 8.4747, 35.2466

Protanomaly

132.8990, 13.3608, 7.9816

Deuteranomaly

133.5640, 8.1029, 14.4144

Tritanomaly

134.0350, 0.4757, 34.1723

Monochromacy



Original Color

134.8100, 8.4747, 35.2466

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.8860, 3.0142, 13.2550

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8100, 8.4747, 35.2466 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(175, 111, 152)` looks like.

```
.text, #text, p{  
    color:rgb(175, 111, 152)  
}
```

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(175, 111, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 111, 152) }
```

Border

The CSS property to change the border of an element to YUV 134.8100, 8.4747, 35.2466 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(175, 111, 152) }
```


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

```
.border{ border-color:rgb(175, 111, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 111, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 111, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 111, 152);  
box-shadow:4px 4px 4px 4px rgb(175, 111,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 134.8100, 8.4747, 35.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 111, 152) }
```

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

```
.background{ background-color: rgb(175,  
111, 152) }
```

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