

Converting Colors

YUV(159.3200, 11.6742,
35.6764)

Have a look what the booklet for
YUV(159.3200, 11.6742, 35.6764)
contains.

YUV(159.3200, 11.6742, 35.6764)	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(159.3200, 11.6742,
35.6764)**

Conversions

Conversions Part 1

Format	Color
Hex	C886B7
RGB	200, 134, 183
RGB Percent	78%, 53%, 72%
CMY	0.2157, 0.4745, 0.2824
CMYK	0.00, 0.33, 0.08, 0.22
HSL	315°, 37%, 65%
HSV	315°, 33%, 78%
XYZ	40.8918, 32.7485, 48.9656
YIQ	159.3200, 23.6070, 29.2310

Conversions

Conversions Part 2

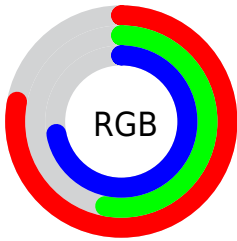
Format	Color
R_{YB}	200, 134, 183
Decimal	13141687
CIE _{Lab}	63.96, 32.82, -15.37
CIE _{LCh}	64, 36.239, 334.901
Yxy	32.7485, 0.3335, 0.2671
Android (android.graphics.Color)	4291331767 (0xFFC886B7)
YUV	159.3200, 11.6742, 35.6764
Hunter-Lab	57.2263, 27.4035, -10.6730

Details

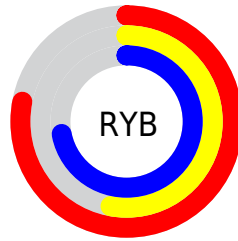
The YUV color **159.3200, 11.6742, 35.6764** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174.6800, -11.6742, -35.6764**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8470, 12.4004, 36.0912**, and **106.8960, 11.3903, 33.4172** is the 20% darker color. If you saturate the color by 10%, you get **147.0100, 15.2781, 46.4722**, and if you desaturate by 10%, it is **171.6300, 8.0704, 24.8805**.

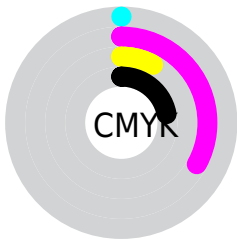
Distribution



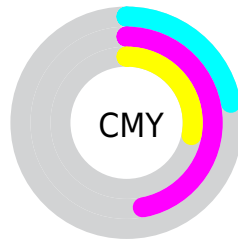
- Red (78%)
- Green (53%)
- Blue (72%)



- Red (78%)
- Yellow (53%)
- Blue (72%)



- Cyan (0%)
- Magenta (33%)
- Yellow (8%)
- Black (22%)





- Cyan (22%)
- Magenta (47%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.3200, 11.6742, 35.6764 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 159.3200, 11.6742, 35.6764 by changing the saturation by 10% instead.

 159.3200, 11.6742,
35.6764


 159.3200, 11.6742,
35.6764


255.0000, 0.0000,
0.0000


 132.6080, 11.5323,
34.5468


 213.8470, 12.4004,
36.0912


 106.8960, 11.3903,
33.4172

 232.1070, 11.2862,
20.0772

 81.8850, 11.3957,
31.6729

 249.1300, 2.8939,
5.1480

 57.5860, 11.5431,
31.0581

 32.1130, 12.2693,
31.4729

 17.5590, 9.0914,
24.0658

 4.9560, 3.4727,

6.1776

■ 0.0000, 0.0000,
0.0000

■ 159.3200, 11.6742,
35.6764

■ 159.3200, 11.6742,
35.6764

■ 147.0100, 15.2781,
46.4722

■ 171.6300, 8.0704,
24.8805

■ 134.7000, 18.8819,
57.2681

■ 183.9400, 4.4666,
14.0846

■ 122.3900, 22.4857,
68.0640

■ 196.2500, 0.8628,
3.2887

■ 109.9660, 25.6528,
78.9598

■ 208.6740, -2.3043,
-7.6071

■ 97.6560, 29.2566,
89.7557

■ 220.9840, -5.9081,
-18.4030

■ 85.3460, 32.8604,
100.5516

■ 233.2940, -9.5119,
-29.1988

■ 76.6720, 35.1647,
108.1587

■ 234.4510, -7.6173,
-30.2135

■ 235.0210, -5.4334,
-30.7134

■ 235.5910, -3.2494,
-31.2133

Harmonies

Analogous

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



158.4610, 24.4227, 6.6117



159.3200, 11.6742, 35.6764



158.4070, -3.6517, 51.3861

Triad

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



159.3200, 11.6742, 35.6764



152.3740, -30.7504, 16.3350



122.1510, 33.9426, -107.1264

Complementary

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



159.3200, 11.6742, 35.6764



174.6800, -11.6742, -35.6764

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.



133.7410, 12.4527, -74.3179



159.3200, 11.6742, 35.6764



148.4460, -23.3909, -10.9151

Square

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



159.3200, 11.6742, 35.6764



154.7880, -28.4895, 37.8969



143.1570, -8.4584, -40.4797



138.1690, 36.8917, -72.9392

Rectangle

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



159.3200, 11.6742, 35.6764



156.4860, -13.5506, 53.0708



143.1570, -8.4584, -40.4797



121.5980, 29.2852, -106.6414

Sweetspot

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



159.3200, 11.6742, 35.6764



239.5270, 4.1772, 13.5698



146.6070, 26.3227, 3.8527



118.1520, 2.8831, 8.6367



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.



159.3200, 11.6742, 35.6764



192.1620, 18.1611, 55.1089



155.6720, -2.3033, 38.8757



93.4890, 1.7309, 4.8331



62.5310, 28.8252, 88.1113



13.8420, 6.4869, 19.4326

Inverse Universe

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



159.3200, 11.6742, 35.6764



192.1620, 18.1611, 55.1089



178.4420, 2.7401, -38.9756



93.4890, 1.7309, 4.8331



62.5310, 28.8252, 88.1113



13.8420, 6.4869, 19.4326

Previews

White Background



This preview shows how the YUV color 159.3200, 11.6742, 35.6764 looks on a white background.

Color Contrast Check

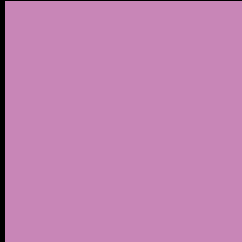
Large Text (above 18pt) WCAG AA × Fail

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 159.3200, 11.6742, 35.6764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

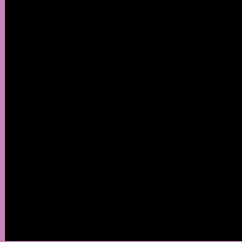
Any Text WCAG AA ✓ Pass

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 159.3200, 11.6742, 35.6764 Background



This preview shows how black text looks on a background with the YUV color 159.3200, 11.6742, 35.6764.



This preview shows how white text looks on a background with the YUV color 159.3200, 11.6742, 35.6764.

35.6764.

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

159.3200, 11.6742, 35.6764

Protanopia

156.2110, 20.1090, -9.8320

Deuteranopia

156.6980, 11.4879, 2.0189



Tritanopia

157.9980, -3.4500, 33.3278

Trichromacy



Original Color

159.3200, 11.6742, 35.6764

Protanomaly

157.5120, 17.0026, 6.5670

Deuteranomaly

157.7750, 11.4499, 14.2293

Tritanomaly

158.4910, 2.2229, 33.7724

Monochromacy



Original Color

159.3200, 11.6742, 35.6764

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.2280, 4.3246, 12.9550

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3200, 11.6742, 35.6764 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(200, 134, 183)` looks like.

```
.text, #text, p{  
    color:rgb(200, 134, 183)  
}
```

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(200, 134, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 134, 183) }
```

Border

The CSS property to change the border of an element to YUV 159.3200, 11.6742, 35.6764 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(200, 134, 183) }
```


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

```
.border{ border-color:rgb(200, 134, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 134, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 134, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 134, 183);  
box-shadow:4px 4px 4px 4px rgb(200, 134,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 159.3200, 11.6742, 35.6764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 134, 183) }
```

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

```
.background{ background-color: rgb(200,  
134, 183) }
```

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