

Converting Colors

YUV(158.9440, 8.4086, 9.6961)

Have a look what the booklet for
YUV(158.9440, 8.4086, 9.6961)
contains.

YUV(158.9440, 8.4086, 9.6961)	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(158.9440, 8.4086,
9.6961)**

Conversions

Conversions Part 1

Format	Color
Hex	AA96B0
RGB	170, 150, 176
RGB Percent	67%, 59%, 69%
CMY	0.3333, 0.4118, 0.3098
CMYK	0.03, 0.15, 0.00, 0.31
HSL	286°, 14%, 64%
HSV	286°, 15%, 69%
XYZ	35.3204, 33.4933, 45.6776
YIQ	158.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

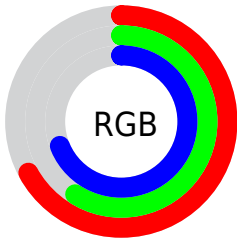
Format	Color
RYB	170, 150, 176
Decimal	11179696
CIELab	64.56, 12.24, -10.83
CIELCh	65, 16.339, 318.505
Yxy	33.4933, 0.3085, 0.2925
Android (android.graphics.Color)	4289369776 (0xFFAA96B0)
YUV	158.9440, 8.4086, 9.6961
Hunter-Lab	57.8734, 7.6608, -6.2842

Details

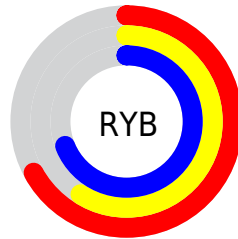
The YUV color **158.9440, 8.4086, 9.6961** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **167.0560, -8.4086, -9.6961**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4710, 9.1348, 10.1109**, and **107.4170, 7.6824, 9.2813** is the 20% darker color. If you saturate the color by 10%, you get **147.1820, 14.2073, 16.5034**, and if you desaturate by 10%, it is **170.7060, 2.6099, 2.8888**.

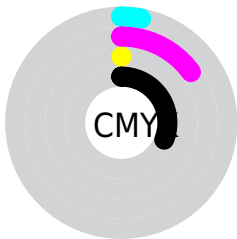
Distribution



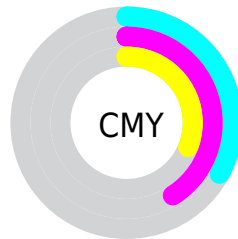
- Red (67%)
- Green (59%)
- Blue (69%)



- Red (67%)
- Yellow (59%)
- Blue (69%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.9440, 8.4086, 9.6961 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 158.9440, 8.4086, 9.6961 by changing the saturation by 10% instead.

■ 158.9440, 8.4086,
9.6961

■ 158.9440, 8.4086,
9.6961

255.0000, 0.0000,
0.0000

■ 132.5310, 8.1192,
9.1813

■ 213.4710, 9.1348,
10.1109

■ 107.4170, 7.6824,
9.2813

■ 241.2000, 6.8034,
11.2256

■ 83.1180, 7.8298,
8.6665

■ 59.7050, 7.5404,
8.1517

■ 38.1780, 6.8142,
7.7369

■ 16.3030, 7.2456,
9.3813

■ 0.4560, 1.7472,

-0.3999

0.0000, 0.0000,
0.0000

158.9440, 8.4086,
9.6961

158.9440, 8.4086,
9.6961

147.1820, 14.2073,
16.5034

170.7060, 2.6099,
2.8888

136.0070, 19.7165,
22.7959

181.8810, -2.8993,
-3.4036

124.2450, 25.5152,
29.6031

193.6430, -8.6980,
-10.2109

113.0700, 31.0245,
35.8956

204.8180,
-14.2073, -16.5034

101.3080, 36.8232,
42.7029

216.5800,
-20.0059, -23.3107

■ 89.5460, 42.6218,
49.5102

■ 227.7550,
-25.5152, -29.6031

■ 78.3710, 48.1311,
55.8026

■ 228.9510,
-26.1048, -27.1440

■ 66.6090, 53.9298,
62.6099

■ 230.1470,
-26.6945, -24.6849

■ 60.4290, 56.9765,
65.3988

■ 231.6420,
-27.4315, -21.6110

Harmonies

Analogous

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



157.4090, 13.1094, -4.7437



158.9440, 8.4086, 9.6961



159.5880, 1.6821, 20.5323

Triad

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



158.9440, 8.4086, 9.6961



156.7170, -14.1575, 14.2802



150.9470, 6.9281, -28.8945

Complementary

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



158.9440, 8.4086, 9.6961



167.0560, -8.4086, -9.6961

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.



151.9280, -0.9505, -21.8619



158.9440, 8.4086, 9.6961



154.6940, -12.6671, 2.8994

Square

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



158.9440, 8.4086, 9.6961



157.8690, -11.2744, 22.9169



153.1700, -7.9718, -9.7961



151.8530, 12.8905, -27.9351

Rectangle

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



158.9440, 8.4086, 9.6961



159.0570, -2.9861, 24.5060



153.1700, -7.9718, -9.7961



150.9750, 4.4493, -27.1651

Sweetspot

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



158.9440, 8.4086, 9.6961



223.2330, 3.3361, 3.3037



156.4860, 9.6204, -5.6882



110.8800, 2.0312, 1.8592



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.



158.9440, 8.4086, 9.6961



202.3560, 13.6285, 15.4738



159.9400, 4.4666, 14.0846



83.1190, 2.8993, 3.4036



52.7240, 49.4361, 57.2471



8.9440, 8.4086, 9.6961

Inverse Universe

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



158.4580, -1.2118, 15.3843



201.6980, -1.8231, 24.8209



166.0600, -4.4666, -14.0846



82.9190, -0.4531, 5.3330



49.7370, -7.2653, 90.5617



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 158.9440, 8.4086, 9.6961 looks on a white background.

Color Contrast Check

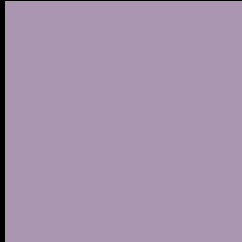
Large Text (above 18pt) WCAG AA × Fail

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 158.9440, 8.4086, 9.6961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

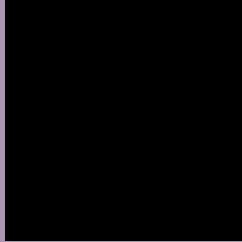
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.9440, 8.4086, 9.6961

Background



This preview shows how black text looks on a background with the YUV color 158.9440, 8.4086, 9.6961.



This preview shows how white text looks on a background with the YUV color 158.9440, 8.4086,

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

158.9440, 8.4086, 9.6961

Protanopia

157.2520, 11.2148, -3.7290

Deuteranopia

158.6120, 8.5723, 3.8483



Tritanopia

158.1520, 2.8831, 8.6367

Trichromacy



Original Color

158.9440, 8.4086, 9.6961

Protanomaly

157.7580, 10.4723, 1.0892

Deuteranomaly

158.9220, 8.4195, 6.2074

Tritanomaly

158.3200, 4.7722, 9.3664

Monochromacy



Original Color

158.9440, 8.4086, 9.6961

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1190, 2.8993, 3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9440, 8.4086, 9.6961 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(170, 150, 176)` looks like.

```
.text, #text, p{  
    color:rgb(170, 150, 176)  
}
```

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(170, 150, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 150, 176) }
```

Border

The CSS property to change the border of an element to YUV 158.9440, 8.4086, 9.6961 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(170, 150, 176) }
```


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

```
.border{ border-color:rgb(170, 150, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 150, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 150, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 150, 176);  
box-shadow:4px 4px 4px 4px rgb(170, 150,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 158.9440, 8.4086, 9.6961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 150, 176) }
```

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

```
.background{ background-color: rgb(170,  
150, 176) }
```

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