

Converting Colors

YUV(194.5980, 16.4672,
-8.4174)

Have a look what the booklet for
YUV(194.5980, 16.4672, -8.4174)
contains.

YUV(194.5980, 16.4672, -8.4174)	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(194.5980, 16.4672,
-8.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C1E4
RGB	185, 193, 228
RGB Percent	73%, 76%, 89%
CMY	0.2745, 0.2431, 0.1059
CMYK	0.19, 0.15, 0.00, 0.11
HSL	229°, 44%, 81%
HSV	229°, 19%, 89%
XYZ	53.0811, 54.0557, 81.0349
YIQ	194.5980, -16.0030, 9.1890

Conversions

Conversions Part 2

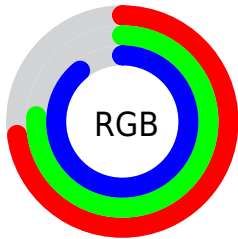
Format	Color
R_{YB}	185, 192, 228
Decimal	12173796
CIE _{Lab}	78.49, 4.45, -18.32
CIE _{LCh}	78, 18.857, 283.653
Yxy	54.0557, 0.2821, 0.2873
Android (android.graphics.Color)	4290363876 (0xFFB9C1E4)
YUV	194.5980, 16.4672, -8.4174
Hunter-Lab	73.5225, 0.2073, -13.8823

Details

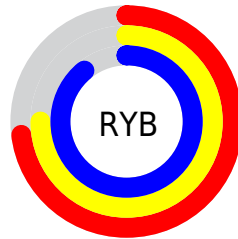
The YUV color **194.5980, 16.4672, -8.4174** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **218.4020, -16.4672, 8.4174**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.2920, 3.8000, -5.5181**, and **141.0710, 15.7410, -8.8323** is the 20% darker color. If you saturate the color by 10%, you get **176.5680, 25.3560, -12.7761**, and if you desaturate by 10%, it is **212.6280, 7.5784, -4.0588**.

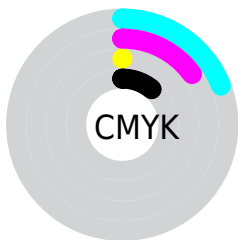
Distribution



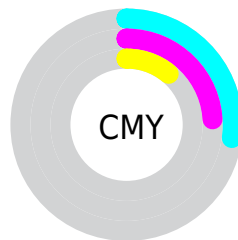
- Red (73%)
- Green (76%)
- Blue (89%)



- Red (73%)
- Yellow (75%)
- Blue (89%)



- Cyan (19%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.5980, 16.4672, -8.4174 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 194.5980, 16.4672, -8.4174 by changing the saturation by 10% instead.

■ 194.5980, 16.4672,
-8.4174

■ 194.5980, 16.4672,
-8.4174

255.0000, 0.0000,
0.0000

■ 167.4840, 16.0304,
-8.3175

■ 247.2920, 3.8000,
-5.5181

■ 141.0710, 15.7410,
-8.8323

■ 115.2560, 15.1568,
-8.1175

■ 90.7290, 14.4306,
-8.5323

■ 66.6150, 13.9938,
-8.4324

■ 44.0880, 13.2676,
-8.8472

■ 22.9630, 12.8362,

-10.4916

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 194.5980, 16.4672,
-8.4174

■ 194.5980, 16.4672,
-8.4174

■ 176.5680, 25.3560,
-12.7761

■ 212.6280, 7.5784,
-4.0588

■ 159.1250, 33.9554,
-17.6496

■ 230.0710, -1.0210,
0.8147

■ 141.3940, 42.6968,
-21.3935

■ 247.8020, -9.7624,
4.5586

■ 123.9510, 51.2962,
-26.2670

■ 251.9220,
-11.7935, 2.6994

■ 105.9210, 60.1849,
-30.6257

■ 88.4780, 68.7843,
-35.4992

■ 70.4480, 77.6731,
-39.8579

■ 53.3040, 86.1251,
-44.1166

■ 50.6460, 87.4355,
-44.4165

Harmonies

Analogous

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



191.4280, 17.5370, -24.9314



194.5980, 16.4672, -8.4174



196.7420, 11.4662, 8.9963

Triad

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



194.5980, 16.4672, -8.4174



196.2610, -12.4537, 27.8351



188.8630, -2.3975, -24.4359

Complementary

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



194.5980, 16.4672, -8.4174



218.4020, -16.4672, 8.4174

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.



191.0730, -10.8820, -9.7110



194.5980, 16.4672, -8.4174



194.7670, -16.6471, 19.4983

Square

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



194.5980, 16.4672, -8.4174



197.2210, -5.0390, 29.6242



193.0920, -16.3144, 6.0583



187.3270, 7.2338, -33.6128

Rectangle

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



194.5980, 16.4672, -8.4174



197.4290, 6.1975, 18.9178



193.0920, -16.3144, 6.0583



189.3860, -5.6133, -19.6325

Sweetspot

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



194.5980, 16.4672, -8.4174



243.4710, 5.6838, -3.0441



214.1170, 2.4073, -25.5356



120.6130, 3.6418, -1.4146



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.



194.5980, 16.4672, -8.4174



209.1830, 22.5878, -11.5615



193.7890, 16.8660, 3.6930



105.5420, 4.6628, -2.2293



39.7770, 68.6369, -34.8844



11.0970, 19.6722, -9.7321

Inverse Universe

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



198.7690, -2.8441, 25.6356



214.8950, -3.8922, 35.1721



219.2110, -16.8660, -3.6930



106.8160, -0.8953, 7.1774



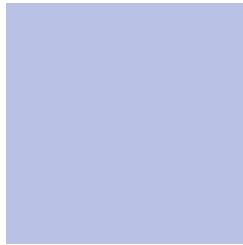
57.2830, -11.9715, 106.7458



16.2750, -3.5866, 30.4538

Previews

White Background



This preview shows how the YUV color 194.5980, 16.4672, -8.4174 looks on a white background.

Color Contrast Check

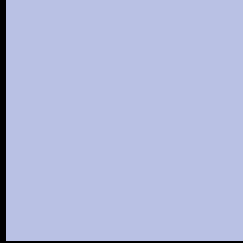
Large Text (above 18pt) WCAG AA × Fail

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 194.5980, 16.4672, -8.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

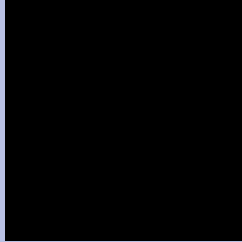
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.5980, 16.4672, -8.4174

Background



This preview shows how black text looks on a background with the YUV color 194.5980, 16.4672, -8.4174.



This preview shows how white text looks on a background with the YUV color 194.5980, 16.4672, -8.4174.

-8.4174.

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

194.5980, 16.4672, -8.4174

Protanopia

194.6090, 16.4618, -6.6731

Deuteranopia

195.6530, 16.4401, 0.3043



Tritanopia

193.5240, 8.6157, -10.1065

Trichromacy



Original Color

194.5980, 16.4672, -8.4174

Protanomaly

194.3100, 16.6092, -7.2879

Deuteranomaly

195.0440, 16.7403, -2.6696

Tritanomaly

193.9200, 11.3784, -9.5768

Monochromacy



Original Color

194.5980, 16.4672, -8.4174

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.5850, 6.1206, -3.1440

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.5980, 16.4672, -8.4174 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(185, 193, 228)` looks like.

```
.text, #text, p{  
    color:rgb(185, 193, 228)  
}
```

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(185, 193, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 193, 228) }
```

Border

The CSS property to change the border of an element to YUV 194.5980, 16.4672, -8.4174 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(185, 193, 228) }
```


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

```
.border{ border-color:rgb(185, 193, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 193, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 193, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 193, 228);  
box-shadow:4px 4px 4px 4px rgb(185, 193,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 194.5980, 16.4672, -8.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 193, 228) }
```

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

```
.background{ background-color: rgb(185,  
193, 228) }
```

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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