

# Converting Colors

YUV(194.8960, 17.7993,  
-15.6948)

Have a look what the booklet for  
YUV(194.8960, 17.7993, -15.6948)  
contains.

<b>YUV(194.8960, 17.7993, -15.6948)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(194.8960, 17.7993,  
-15.6948)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B1C5E7
RGB	177, 197, 231
RGB Percent	69%, 77%, 91%
CMY	0.3059, 0.2275, 0.0941
CMYK	0.23, 0.15, 0.00, 0.09
HSL	218°, 53%, 80%
HSV	218°, 23%, 91%
XYZ	52.5215, 55.0491, 83.4587
YIQ	194.8960, -22.8340, 6.3340

# Conversions

## Conversions Part 2

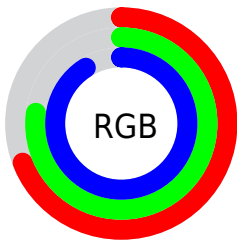
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">177, 192, 231</a>
Decimal	<a href="#">11650535</a>
CIELab	<a href="#">79.07, 0.52, -19.12</a>
CIELCh	<a href="#">79, 19.129, 271.554</a>
Yxy	<a href="#">55.0491, 0.2749, 0.2882</a>
Android (android.graphics.Color)	<a href="#">4289840615 (0xFFB1C5E7)</a>
YUV	<a href="#">194.8960, 17.7993, -15.6948</a>
Hunter-Lab	<a href="#">74.1951, -3.4842, -14.7560</a>

# Details

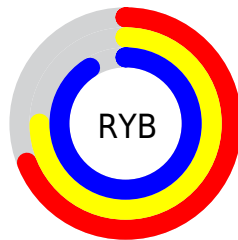
The YUV color  $194.8960, 17.7993, -15.6948$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $213.1040, -17.7993, 15.6948$ , and the grayscale version is  $195.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.8350, 3.5323, -13.0103$ , and  $140.6680, 16.9257, -15.4948$  is the 20% darker color. If you saturate the color by 10%, you get  $179.2140, 25.5305, -22.1127$ , and if you desaturate by 10%, it is  $210.5780, 10.0680, -9.2769$ .

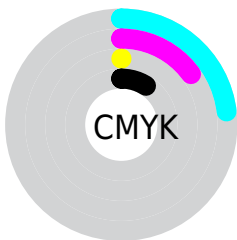
# Distribution



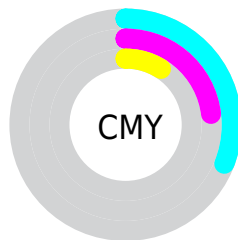
- Red (69%)
- Green (77%)
- Blue (91%)



- Red (69%)
- Yellow (75%)
- Blue (91%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (23%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.8960, 17.7993, -15.6948 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 194.8960, 17.7993, -15.6948 by changing the saturation by 10% instead.



■ 194.8960, 17.7993,  
-15.6948

■ 194.8960, 17.7993,  
-15.6948

255.0000, 0.0000,  
0.0000

■ 167.7820, 17.3625,  
-15.5948

■ 247.8350, 3.5323,  
-13.0103

■ 140.6680, 16.9257,  
-15.4948

■ 115.5540, 16.4889,  
-15.3949

■ 90.4400, 16.0521,  
-15.2949

■ 66.9130, 15.3259,  
-15.7097

■ 43.2010, 15.1839,  
-16.8393

■ 21.6630, 14.4631,

-18.9985

■ 4.5940, 12.5252,  
-4.0289

■ 0.1140, 0.4368,  
-0.1000

■ 194.8960, 17.7993,  
-15.6948

■ 194.8960, 17.7993,  
-15.6948

■ 179.2140, 25.5305,  
-22.1127

■ 210.5780, 10.0680,  
-9.2769

■ 164.1190, 32.9723,  
-29.0454

■ 225.6730, 2.6262,  
-2.3442

■ 148.4370, 40.7036,  
-35.4632

■ 241.3550, -5.1050,  
4.0737

■ 133.3420, 48.1454,  
-42.3959

■ 252.2640,  
-10.4832, 2.3995

■ 117.6600, 55.8766,  
-48.8138

■ 102.2660, 63.4659,  
-56.3613

■ 86.5840, 71.1971,  
-62.7792

■ 76.8160, 76.0127,  
-67.3676

# Harmonies

## Analogous

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



191.2810, 17.1165, -30.0644



194.8960, 17.7993, -15.6948



197.6810, 13.9613, 2.0338

# Triad

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



194.8960, 17.7993, -15.6948



198.5540, -10.1331, 30.2091



190.5710, -6.1975, -18.9178

# Complementary

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



194.8960, 17.7993, -15.6948



213.1040, -17.7993, 15.6948

# 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.



192.7210, -13.6665, -3.2633



194.8960, 17.7993, -15.6948



196.7290, -15.6424, 23.9167

# Square

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



194.8960, 17.7993, -15.6948



198.7200, -1.8340, 28.3096



195.1960, -17.3516, 12.1061



189.3120, 3.2972, -30.9686



# Rectangle

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



194.8960, 17.7993, -15.6948



198.6070, 9.5607, 13.4997



195.1960, -17.3516, 12.1061



191.5070, -9.1240, -13.5996

# Sweetspot

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



194.8960, 17.7993, -15.6948



243.1610, 5.8366, -5.4032



212.4600, -1.2128, -31.0984



120.6020, 3.6472, -3.1590



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.



194.8960, 17.7993, -15.6948



207.3560, 23.4885, -20.4832



184.9500, 22.7027, -1.7101



107.3030, 3.7946, -3.7737



59.1480, 59.0870, -51.8728



16.9670, 16.7783, -14.8801



# Inverse Universe

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



195.4260, 0.7760, 31.1984



208.1930, 0.8909, 41.0497



223.0500, -22.7026, 1.7102



107.1580, 0.4151, 6.8774



61.0450, 2.4428, 103.4465

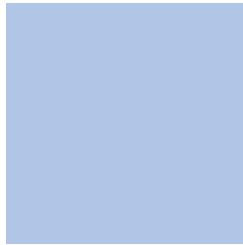


17.4150, 0.7814, 29.4540



# Previews

## White Background



This preview shows how the YUV color 194.8960, 17.7993, -15.6948 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

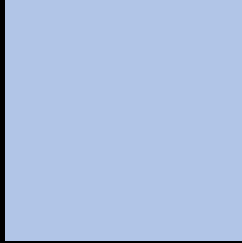
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 194.8960, 17.7993, -15.6948 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 194.8960, 17.7993, -15.6948 Background



This preview shows how black text looks on a background with the YUV color 194.8960, 17.7993, -15.6948.



This preview shows how white text looks on a background with the YUV color 194.8960, 17.7993, -15.6948.

-15.6948.

# 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

194.8960, 17.7993, -15.6948

### Protanopia

196.4950, 16.0250, -6.5731

### Deuteranopia

197.4680, 17.0243, -0.4104



## Tritanopia

194.0500, 10.8214, -17.5838

# Trichromacy



## Original Color

194.8960, 17.7993, -15.6948

## Protanomaly

196.0000, 16.7620, -9.6470

## Deuteranomaly

196.5490, 17.4773, -5.7435

## Tritanomaly

194.3320, 13.1473, -16.9542

# Monochromacy



## Original Color

194.8960, 17.7993, -15.6948

## Achromatopsia

195.0000, 0.0000, 0.0000

## Achromatomaly

194.9760, 6.4208, -6.1180

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.8960, 17.7993, -15.6948 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(177, 197, 231)` looks like.

```
.text, #text, p{  
    color:rgb(177, 197, 231)  
}
```

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(177, 197, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 197, 231) }
```

## Border

The CSS property to change the border of an element to YUV 194.8960, 17.7993, -15.6948 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".

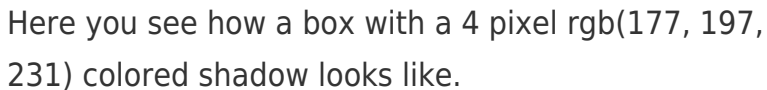
```
.border, #border, table{ border:4px solid rgb(177, 197, 231) }
```



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

```
.border{ border-color:rgb(177, 197, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 197, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 197, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 197, 231); box-shadow:4px 4px 4px 4px rgb(177, 197, 231) }
```

# Background

The CSS property to change the background color of an element to YUV 194.8960, 17.7993, -15.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 197, 231) }
```

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

```
.background{ background-color: rgb(177,  
197, 231) }
```

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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