

# Converting Colors

YUV(194.7060, 19.3719,  
-6.7582)

Have a look what the booklet for  
YUV(194.7060, 19.3719, -6.7582)  
contains.

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# Color

**YUV(194.7060, 19.3719,  
-6.7582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBBFEA
RGB	187, 191, 234
RGB Percent	73%, 75%, 92%
CMY	0.2667, 0.2510, 0.0824
CMYK	0.20, 0.18, 0.00, 0.08
HSL	235°, 53%, 83%
HSV	235°, 20%, 92%
XYZ	53.9756, 53.7669, 85.3751
YIQ	194.7060, -16.1870, 12.5250

# Conversions

## Conversions Part 2

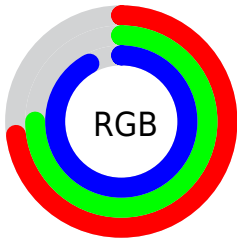
Format	Color
R <sub>Y</sub> B	187, 191, 234
Decimal	12304362
CIE Lab	78.33, 7.48, -21.79
CIE LCh	78, 23.042, 288.936
Yxy	53.7669, 0.2795, 0.2784
Android (android.graphics.Color)	4290494442 (0xFFBBBFEA)
YUV	194.7060, 19.3719, -6.7582
Hunter-Lab	73.3259, 3.0744, -17.7046

# Details

The YUV color **194.7060, 19.3719, -6.7582** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **226.2940, -19.3719, 6.7582**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.0150, 3.9366, -2.6442**, and **141.0650, 18.2090, -7.0730** is the 20% darker color. If you saturate the color by 10%, you get **175.5020, 28.8395, -10.0873**, and if you desaturate by 10%, it is **213.9100, 9.9044, -3.4291**.

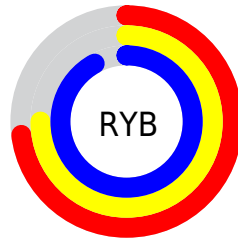
# Distribution



Red (73%)

Green (75%)

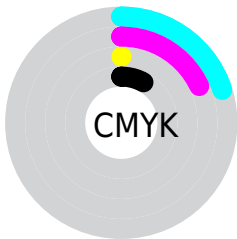
Blue (92%)



Red (73%)

Yellow (75%)

Blue (92%)

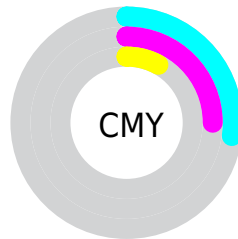


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (25%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.7060, 19.3719, -6.7582 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 194.7060, 19.3719, -6.7582 by changing the saturation by 10% instead.



■ 194.7060, 19.3719,  
-6.7582

■ 194.7060, 19.3719,  
-6.7582

255.0000, 0.0000,  
0.0000

■ 167.5920, 18.9351,  
-6.6582

■ 247.0150, 3.9366,  
-2.6442

■ 141.0650, 18.2090,  
-7.0730

■ 114.9510, 17.7722,  
-6.9730

■ 90.4240, 17.0460,  
-7.3878

■ 66.8970, 16.3198,  
-7.8027

■ 44.3700, 15.5936,  
-8.2175

■ 22.5330, 15.0202,

-10.9914

■ 4.8220, 13.3988,  
-4.2289

■ 0.4560, 1.7472,  
-0.3999

■ 194.7060, 19.3719,  
-6.7582

■ 194.7060, 19.3719,  
-6.7582

■ 175.5020, 28.8395,  
-10.0873

■ 213.9100, 9.9044,  
-3.4291

■ 155.4120, 38.7439,  
-13.5163

■ 234.0000, 0.0000,  
0.0000

■ 136.2080, 48.2115,  
-16.8454

■ 252.6060, -9.1728,  
2.0995

■ 116.1180, 58.1158,  
-20.2745

■ 96.9140, 67.5834,  
-23.6036

■ 77.7100, 77.0510,  
-26.9327

■ 57.6200, 86.9553,  
-30.3617

■ 38.4160, 96.4229,  
-33.6908

# Harmonies

## Analogous

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



190.5570, 21.9104, -27.6755



194.7060, 19.3719, -6.7582



197.3020, 12.1761, 14.6441

# Triad

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



194.7060, 19.3719, -6.7582



195.5560, -16.5431, 32.8384



186.5630, -0.7706, -32.9428

# Complementary

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



194.7060, 19.3719, -6.7582



226.2940, -19.3719, 6.7582

# 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.



188.5130, -11.5919, -15.3589



194.7060, 19.3719, -6.7582



194.0400, -20.7257, 21.0129

# Square

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



194.7060, 19.3719, -6.7582



196.8690, -7.8234, 36.0719



191.6850, -19.0717, 3.7843



184.8850, 10.9027, -43.7491



# Rectangle

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



194.7060, 19.3719, -6.7582



197.4730, 6.1758, 25.8952



191.6850, -19.0717, 3.7843



187.2710, -4.5706, -27.4247

# Sweetspot

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



194.7060, 19.3719, -6.7582



242.2970, 6.2626, -2.0145



219.3770, 4.7441, -28.3946



120.0260, 3.9312, -0.8998



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.



194.7060, 19.3719, -6.7582



203.8890, 25.1977, -8.6727



198.0390, 17.7288, 6.9818



107.8410, 4.5154, -1.6146



29.4390, 74.7196, -25.8180



9.0910, 22.1401, -7.9728



# Inverse Universe

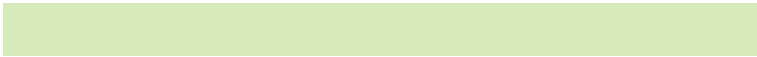
The Inverse Universe completely reimagines the original color for something new.



201.5090, -5.1809, 28.4946



212.8090, -6.8078, 37.0015



222.9610, -17.7288, -6.9818



109.4030, -1.1847, 6.6626



55.8290, -20.1287, 109.7750



16.7160, -5.7760, 32.6981



# Previews

## White Background



This preview shows how the YUV color 194.7060, 19.3719, -6.7582 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

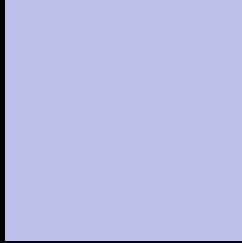
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 194.7060, 19.3719, -6.7582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

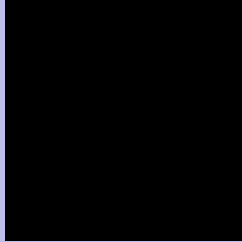
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 194.7060, 19.3719, -6.7582

## Background



This preview shows how black text looks on a background with the YUV color 194.7060, 19.3719, -6.7582.



This preview shows how white text looks on a background with the YUV color 194.7060, 19.3719, -6.7582.

-6.7582.

# 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

194.7060, 19.3719, -6.7582

### Protanopia

194.5100, 19.9616, -9.2173

### Deuteranopia

195.0270, 19.2137, -2.6547



## Tritanopia

193.2360, 8.7577, -8.9770

# Trichromacy



## Original Color

194.7060, 19.3719, -6.7582

## Protanomaly

194.8090, 19.8142, -8.6025

## Deuteranomaly

195.0160, 19.2191, -4.3990

## Tritanomaly

193.8600, 12.3940, -8.6472

# Monochromacy



## Original Color

194.7060, 19.3719, -6.7582

## Achromatopsia

195.0000, 0.0000, 0.0000

## Achromatomaly

195.1120, 6.8468, -2.7292

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.7060, 19.3719, -6.7582 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(187, 191, 234)` looks like.

```
.text, #text, p{  
    color:rgb(187, 191, 234)  
}
```

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(187, 191, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 191, 234) }
```

## Border

The CSS property to change the border of an element to YUV 194.7060, 19.3719, -6.7582 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".

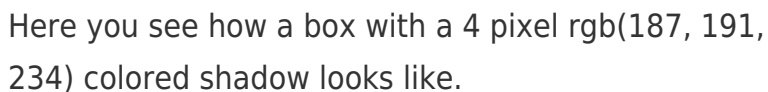
```
.border, #border, table{ border:4px solid rgb(187, 191, 234) }
```



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

```
.border{ border-color:rgb(187, 191, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 191, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 191, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 191, 234);  
box-shadow:4px 4px 4px 4px rgb(187, 191,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 194.7060, 19.3719, -6.7582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 191, 234) }
```

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

```
.background{ background-color: rgb(187,  
191, 234) }
```

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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