

# Converting Colors

YUV(195.4940, 23.9135,  
-63.5772)

Have a look what the booklet for  
YUV(195.4940, 23.9135, -63.5772)  
contains.

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# Color

**YUV(195.4940, 23.9135,  
-63.5772)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BDFF4
RGB	123, 223, 244
RGB Percent	48%, 87%, 96%
CMY	0.5176, 0.1255, 0.0431
CMYK	0.50, 0.09, 0.00, 0.04
HSL	190°, 85%, 72%
HSV	190°, 50%, 96%
XYZ	50.8852, 63.5180, 95.1662
YIQ	195.4940, -66.3410, -14.6690

# Conversions

## Conversions Part 2

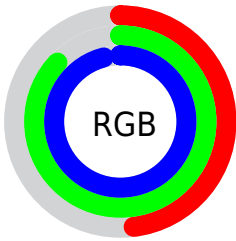
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	123, 178, 244
Decimal	8118260
CIE Lab	83.71, -23.81, -19.30
CIE LCh	84, 30.648, 219.032
Yxy	63.5180, 0.2428, 0.3031
Android (android.graphics.Color)	4286308340 (0xFF7BDFF4)
YUV	195.4940, 23.9135, -63.5772
Hunter-Lab	79.6982, -25.5042, -15.0085

# Details

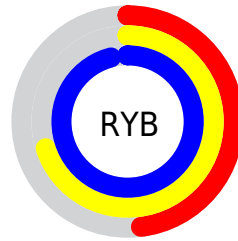
The YUV color **195.4940, 23.9135, -63.5772** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **171.5060, -23.9135, 63.5772**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1730, 10.7607, -44.8787**, and **137.9880, 24.6559, -68.3955** is the 20% darker color. If you saturate the color by 10%, you get **185.9700, 28.6088, -76.2727**, and if you desaturate by 10%, it is **205.0180, 19.2181, -50.8818**.

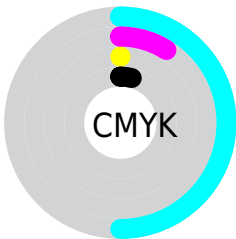
# Distribution



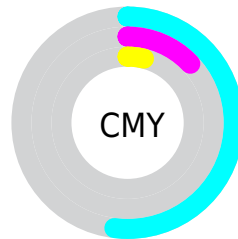
- Red (48%)
- Green (87%)
- Blue (96%)



- Red (48%)
- Yellow (70%)
- Blue (96%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (52%)
- Magenta (13%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 195.4940, 23.9135, -63.5772 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 195.4940, 23.9135, -63.5772 by changing the saturation by 10% instead.



195.4940, 23.9135,  
-63.5772

195.4940, 23.9135,  
-63.5772

255.0000, 0.0000,  
0.0000

166.8960, 24.2083,  
-64.8068

233.1730, 10.7607,  
-44.8787

137.9880, 24.6559,  
-68.3955

242.1430, 6.3385,  
-26.4354

105.0080, 27.6041,  
-80.6910

251.1130, 1.9163,  
-7.9921

82.8950, 25.6878,  
-72.6989

65.2560, 21.5658,  
-57.2295

49.0190, 17.7386,  
-42.9897

32.8960, 14.3483,

-28.8498

■ 18.0610, 10.8159,  
-15.8395

■ 2.6390, 7.5730,  
-2.3144

■ 195.4940, 23.9135,  
-63.5772

■ 195.4940, 23.9135,  
-63.5772

■ 185.9700, 28.6088,  
-76.2727

■ 205.0180, 19.2181,  
-50.8818

■ 176.1470, 33.4515,  
-89.5829

■ 214.8410, 14.3754,  
-37.5716

■ 166.0360, 38.4363,  
-101.7636

■ 224.9520, 9.3907,  
-25.3909

■ 156.2130, 43.2790,  
-115.0738

■ 234.7750, 4.5479,  
-12.0807

■ 146.6890, 47.9743,  
-127.7693

■ 244.2990, -0.1474,  
0.6148

■ 146.3900, 48.1217,  
-128.3840

■ 249.6370, -2.7790,  
4.7034

■ 252.5720, -4.2260,  
2.1294

■ 253.7460, -4.8048,  
1.0998

# Harmonies

## Analogous

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



195.3840, 10.6567, -58.2188



195.4940, 23.9135, -63.5772



200.1030, 27.0642, -47.4483

# Triad

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



195.4940, 23.9135, -63.5772



213.3970, 8.1853, 34.7318



206.6770, -26.9558, 12.5613

# Complementary

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



195.4940, 23.9135, -63.5772



171.5060, -23.9135, 63.5772

# 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.



208.9230, -26.5840, 33.3935



195.4940, 23.9135, -63.5772



209.5150, -4.1979, 39.8903

# Square

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



195.4940, 23.9135, -63.5772



212.1580, 20.6281, 10.3854



208.1980, -16.8596, 41.0454



203.0590, -19.7491, -12.3297

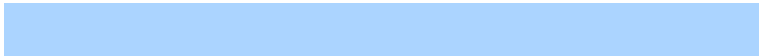


# Rectangle

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



195.4940, 23.9135, -63.5772



204.6430, 24.8260, -29.5049



208.1980, -16.8596, 41.0454



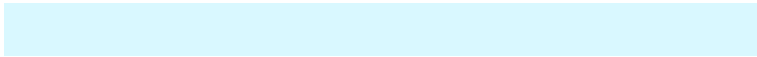
207.2050, -27.7091, 20.8682

# Sweetspot

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



195.4940, 23.9135, -63.5772



239.5290, 7.6272, -19.7579



196.3070, -26.2804, -64.2902



118.7750, 4.5479, -12.0807



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.



195.4940, 23.9135, -63.5772



193.4040, 30.3668, -80.1613



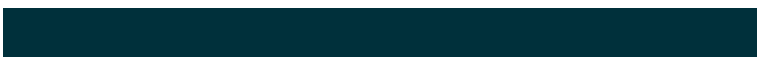
160.2740, 41.2769, -32.6893



117.2380, 2.3477, -6.3477



111.6020, 36.6782, -97.8750



34.9020, 11.8803, -30.6091



# Inverse Universe

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



170.5790, 25.8436, 64.3902



162.1110, 32.4833, 81.4637



206.7260, -41.2769, 32.6893



114.7280, 2.5991, 6.3775



73.1700, 39.8492, 98.9519



23.1130, 12.2693, 31.4729



# Previews

## White Background



This preview shows how the YUV color 195.4940, 23.9135, -63.5772 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

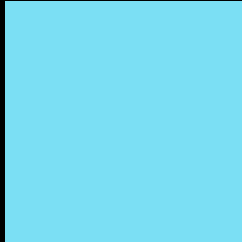
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 195.4940, 23.9135, -63.5772 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 195.4940, 23.9135, -63.5772

## Background



This preview shows how black text looks on a background with the YUV color 195.4940, 23.9135, -63.5772.



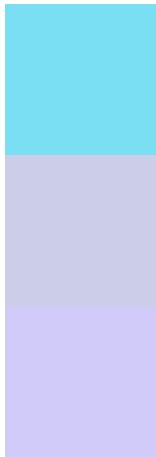
This preview shows how white text looks on a background with the YUV color 195.4940, 23.9135, -63.5772.

-63.5772.

# 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

195.4940, 23.9135, -63.5772

### Protanopia

208.4800, 12.0884, -3.9290

### Deuteranopia

209.6250, 18.9189, -1.4251



## Tritanopia

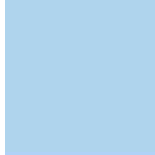
194.8530, 22.7505, -63.8921

# Trichromacy



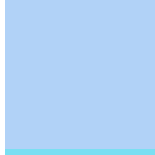
## Original Color

195.4940, 23.9135, -63.5772



## Protanomaly

203.7870, 16.3740, -25.2462



## Deuteranomaly

204.3510, 21.0260, -23.9868



## Tritanomaly

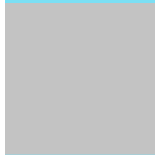
194.9670, 23.1873, -63.9921

# Monochromacy



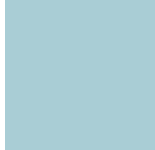
## Original Color

195.4940, 23.9135, -63.5772



## Achromatopsia

195.0000, 0.0000, 0.0000



## Achromatomaly

195.1480, 8.8010, -22.9318

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 195.4940, 23.9135, -63.5772 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(123, 223, 244)` looks like.

```
.text, #text, p{  
    color:rgb(123, 223, 244)  
}
```

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(123, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 223, 244) }
```

## Border

The CSS property to change the border of an element to YUV 195.4940, 23.9135, -63.5772 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(123, 223, 244) }
```



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

```
.border{ border-color:rgb(123, 223, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 223, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(123, 223,  
244) }
```

# Background

The CSS property to change the background color of an element to YUV 195.4940, 23.9135, -63.5772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 223, 244) }
```

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

```
.background{ background-color: rgb(123,  
223, 244) }
```

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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