

# Converting Colors

YUV(135.7820, 30.6735,  
-38.3968)

Have a look what the booklet for  
YUV(135.7820, 30.6735, -38.3968)  
contains.

<b>YUV(135.7820, 30.6735, -38.3968)</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(135.7820, 30.6735,  
-38.3968)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C92C6
RGB	92, 146, 198
RGB Percent	36%, 57%, 78%
CMY	0.6392, 0.4275, 0.2235
CMYK	0.54, 0.26, 0.00, 0.22
HSL	209°, 48%, 57%
HSV	209°, 54%, 78%
XYZ	24.8856, 26.9103, 57.3087
YIQ	135.7820, -48.8760, 4.7240

# Conversions

## Conversions Part 2

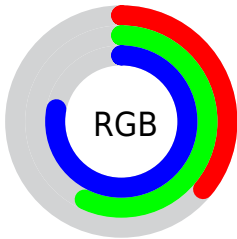
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 128, 198
Decimal	6066886
CIE Lab	58.89, -2.94, -32.36
CIE LCh	59, 32.490, 264.813
Yxy	26.9103, 0.2281, 0.2466
Android (android.graphics.Color)	4284256966 (0xFF5C92C6)
YUV	135.7820, 30.6735, -38.3968
Hunter-Lab	51.8751, -5.1514, -29.1876

# Details

The YUV color  $135.7820, 30.6735, -38.3968$  is a dark color, and the websafe version is hex  $6699CC$ . The color can be described as middle muted azure. A complement of this color would be  $154.2180, -30.6735, 38.3968$ , and the grayscale version is  $136.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $190.7220, 31.6891, -37.4672$ , and  $81.4390, 30.8426, -45.9890$  is the 20% darker color. If you saturate the color by 10%, you get  $123.9320, 36.5155, -45.5444$ , and if you desaturate by 10%, it is  $147.6320, 24.8314, -31.2493$ .

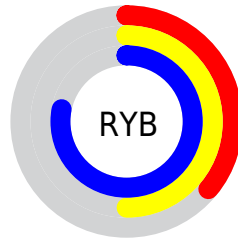
# Distribution



Red (36%)

Green (57%)

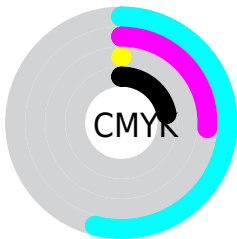
Blue (78%)



Red (36%)

Yellow (50%)

Blue (78%)

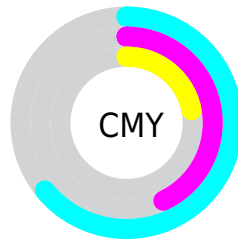


Cyan (54%)

Magenta (26%)

Yellow (0%)

Black (22%)



Cyan (64%)

Magenta (43%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.7820, 30.6735, -38.3968 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 135.7820, 30.6735, -38.3968 by changing the saturation by 10% instead.



■ 135.7820, 30.6735,  
-38.3968

■ 135.7820, 30.6735,  
-38.3968

255.0000, 0.0000,  
0.0000

■ 108.7710, 30.6789,  
-40.1412

■ 190.7220, 31.6891,  
-37.4672

■ 81.4390, 30.8426,  
-45.9890

■ 215.8290, 19.3113,  
-34.0530

■ 55.7160, 30.7060,  
-48.8629

■ 240.3490, 7.2229,  
-30.1241

■ 39.9520, 26.1527,  
-35.0379

■ 249.0200, 2.9481,  
-12.2955

■ 24.8890, 21.7467,  
-21.8277

■ 7.7060, 19.3719,  
-6.7582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 135.7820, 30.6735,  
-38.3968

■ 135.7820, 30.6735,  
-38.3968

■ 123.9320, 36.5155,  
-45.5444

■ 147.6320, 24.8314,  
-31.2493

■ 112.6690, 42.0682,  
-53.2067

■ 158.8950, 19.2788,  
-23.5869

■ 101.1180, 47.7628,  
-59.7395

■ 170.4460, 13.5841,  
-17.0541

■ 89.2680, 53.6049,  
-66.8870

■ 182.2960, 7.7421,  
-9.9066

■ 81.8590, 57.2575,  
-71.7903

■ 194.1460, 1.9000,  
-2.7590

■ 205.4090, -3.6526,  
4.9033

■ 217.2590, -9.4947,  
12.0509

■ 228.8100,  
-15.1893, 18.5836

■ 235.5880,  
-18.5309, 17.0243

# Harmonies

## Analogous

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



123.6870, 31.2133, -71.6395



135.7820, 30.6735, -38.3968



143.0960, 24.6027, -4.4692

# Triad

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



135.7820, 30.6735, -38.3968



143.4960, -12.0765, 46.9230



132.9200, -12.2856, -26.2398

# Complementary

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



135.7820, 30.6735, -38.3968



154.2180, -30.6735, 38.3968

# 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.



137.0990, -23.7128, -0.9638



135.7820, 30.6735, -38.3968



141.9930, -22.6745, 39.4711

# Square

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



135.7820, 30.6735, -38.3968



145.0190, 1.4696, 42.0793



140.0310, -27.1303, 21.8978



127.3970, 4.2413, -53.8452



# Rectangle

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



135.7820, 30.6735, -38.3968



145.2080, 18.1385, 15.6036



140.0310, -27.1303, 21.8978



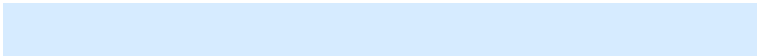
135.0090, -17.2594, -17.5479

# Sweetspot

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



135.7820, 30.6735, -38.3968



231.0010, 11.8315, -14.9099



160.0360, -8.3987, -59.6676



113.4810, 7.1579, -9.1918



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

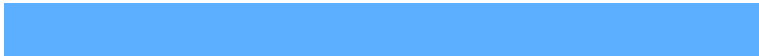


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135.7820, 30.6735, -38.3968



159.3030, 47.1786, -59.0247



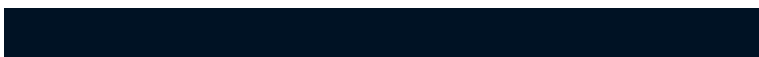
105.2580, 45.7218, -11.6273



93.9610, 2.4842, -3.4738



67.3030, 47.1786, -59.0247



14.6700, 10.5157, -12.8656



# Inverse Universe

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



129.8500, 7.9620, 59.7676



150.1990, 12.2269, 91.9105



184.7420, -45.7218, 11.6273



93.2610, 0.8573, 5.0331



58.1990, 12.2269, 91.9105



12.8160, 2.5557, 20.3324



# Previews

## White Background



This preview shows how the YUV color 135.7820, 30.6735, -38.3968 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

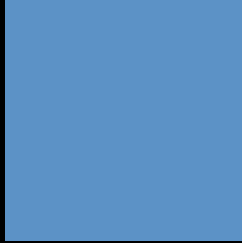
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 135.7820, 30.6735, -38.3968 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 × Fail

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

# YUV 135.7820, 30.6735, -38.3968

## Background



This preview shows how black text looks on a background with the YUV color 135.7820, 30.6735, -38.3968.



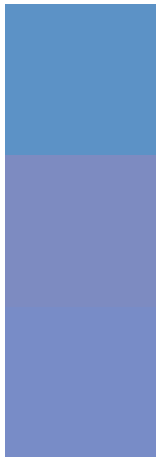
This preview shows how white text looks on a background with the YUV color 135.7820, 30.6735, -38.3968.



# 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

135.7820, 30.6735, -38.3968

### Protanopia

140.9700, 25.6508, -14.0057

### Deuteranopia

140.7460, 28.7192, -18.1942



## Tritanopia

131.9540, 16.2917, -45.5637

# Trichromacy



## Original Color

135.7820, 30.6735, -38.3968

## Protanomaly

139.3710, 27.4251, -23.1274

## Deuteranomaly

138.9300, 29.6145, -25.3716

## Tritanomaly

133.3440, 21.5224, -43.2747

# Monochromacy



## Original Color

135.7820, 30.6735, -38.3968

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

136.1860, 11.2473, -14.1951

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.7820, 30.6735, -38.3968 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(92, 146, 198)` looks like.

```
.text, #text, p{  
    color:rgb(92, 146, 198)  
}
```

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(92, 146, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 146, 198) }
```

## Border

The CSS property to change the border of an element to YUV 135.7820, 30.6735, -38.3968 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".

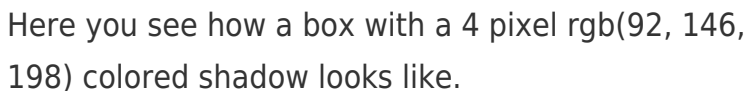
```
.border, #border, table{ border:4px solid rgb(92, 146, 198) }
```



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

```
.border{ border-color:rgb(92, 146, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 146, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 146, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 146, 198); box-shadow:4px 4px 4px 4px rgb(92, 146, 198) }
```

# Background

The CSS property to change the background color of an element to YUV 135.7820, 30.6735, -38.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 146, 198) }
```

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

```
.background{ background-color: rgb(92, 146,  
198) }
```

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