

# Converting Colors

YUV(127.2320, 34.8886,  
-37.0375)

Have a look what the booklet for  
YUV(127.2320, 34.8886, -37.0375)  
contains.

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# Color

**YUV(127.2320, 34.8886,  
-37.0375)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5587C6
RGB	85, 135, 198
RGB Percent	33%, 53%, 78%
CMY	0.6667, 0.4706, 0.2235
CMYK	0.57, 0.32, 0.00, 0.22
HSL	213°, 50%, 55%
HSV	213°, 57%, 78%
XYZ	22.6033, 23.3365, 56.7391
YIQ	127.2320, -50.0230, 8.9930

# Conversions

## Conversions Part 2

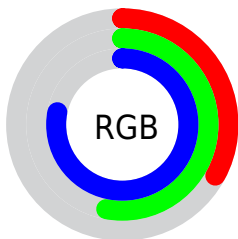
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	85, 120, 198
Decimal	5605318
CIE Lab	55.42, 1.94, -37.81
CIE LCh	55, 37.859, 272.942
Yxy	23.3365, 0.2201, 0.2273
Android (android.graphics.Color)	4283795398 (0xFF5587C6)
YUV	127.2320, 34.8886, -37.0375
Hunter-Lab	48.3078, -1.0182, -35.8226

# Details

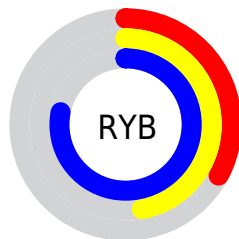
The YUV color **127.2320, 34.8886, -37.0375** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **155.7680, -34.8886, 37.0375**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8840, 36.0462, -34.9783**, and **71.0840, 35.9476, -50.0627** is the 20% darker color. If you saturate the color by 10%, you get **114.7950, 41.0201, -43.6702**, and if you desaturate by 10%, it is **139.6690, 28.7572, -30.4047**.

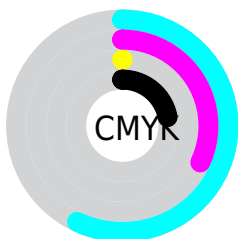
# Distribution



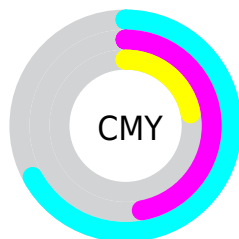
- Red (33%)
- Green (53%)
- Blue (78%)



- Red (33%)
- Yellow (47%)
- Blue (78%)



- Cyan (57%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (47%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.2320, 34.8886, -37.0375 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 127.2320, 34.8886, -37.0375 by changing the saturation by 10% instead.



■ 127.2320, 34.8886,  
-37.0375

■ 127.2320, 34.8886,  
-37.0375

■ 255.0000, 0.0000,  
0.0000

■ 100.5090, 34.7521,  
-39.9114

■ 181.8840, 36.0462,  
-34.9783

■ 71.0840, 35.9476,  
-50.0627

■ 206.9910, 23.6684,  
-31.5641

■ 50.4330, 33.3105,  
-44.2297

■ 232.0980, 11.2907,  
-28.1499

■ 34.6690, 28.7572,  
-30.4047

■ 247.2260, 3.8326,  
-15.9842

■ 20.1930, 24.0619,  
-17.7093

■ 7.5920, 18.9351,  
-6.6582

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,  
0.0000

■ 127.2320, 34.8886,  
-37.0375

■ 127.2320, 34.8886,  
-37.0375

■ 114.7950, 41.0201,  
-43.6702

■ 139.6690, 28.7572,  
-30.4047

■ 102.3580, 47.1515,  
-50.3030

■ 152.1060, 22.6257,  
-23.7720

■ 90.2200, 53.1355,  
-56.3209

■ 164.2440, 16.6417,  
-17.7540

■ 77.7830, 59.2670,  
-62.9537

■ 176.6810, 10.5103,  
-11.1212

■ 74.2280, 61.0196,  
-65.0980

■ 189.1180, 4.3788,  
-4.4885

■ 201.5550, -1.7526,  
2.1443

■ 213.9920, -7.8841,  
8.7770

■ 226.1300,  
-13.8681, 14.7950

■ 236.1750,  
-18.8203, 16.5095

# Harmonies

## Analogous

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



106.1880, 41.3193, -93.1269



127.2320, 34.8886, -37.0375



135.4930, 25.8860, 3.9526

# Triad

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



127.2320, 34.8886, -37.0375



133.5630, -17.0396, 52.1262



120.0430, -8.8952, -40.3797

# Complementary

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



127.2320, 34.8886, -37.0375



155.7680, -34.8886, 37.0375

# 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.



126.1150, -24.7067, -8.8709



127.2320, 34.8886, -37.0375



131.9130, -28.0581, 39.5413

# Square

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



127.2320, 34.8886, -37.0375



135.1620, -2.0519, 51.6009



129.8580, -31.4820, 17.6645



103.4400, 15.5591, -90.7169



# Rectangle

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



127.2320, 34.8886, -37.0375



136.8610, 17.8165, 25.5549



129.8580, -31.4820, 17.6645



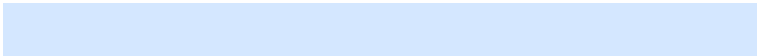
122.8010, -15.1849, -29.6435

# Sweetspot

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



127.2320, 34.8886, -37.0375



228.0550, 13.2839, -14.0802



158.3990, -5.6197, -64.3709



111.4210, 8.1734, -8.2622



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

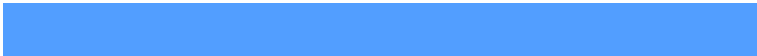


# Same Dimension

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



127.2320, 34.8886, -37.0375



146.3340, 53.5723, -56.4209



99.6760, 48.4737, -7.6089



93.3740, 2.7736, -2.9590



60.8460, 50.3619, -53.3619



13.4960, 11.0945, -11.8360



# Inverse Universe

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



124.4870, 5.1829, 64.4709



142.3910, 7.6952, 98.7581



183.3240, -48.4737, 7.6089



93.1470, 0.4205, 5.1331



56.9450, 7.4221, 93.0102

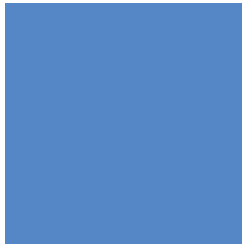


12.5880, 1.6821, 20.5323



# Previews

## White Background



This preview shows how the YUV color 127.2320, 34.8886, -37.0375 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 127.2320, 34.8886, -37.0375 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 127.2320, 34.8886, -37.0375

## Background



This preview shows how black text looks on a background with the YUV color 127.2320, 34.8886, -37.0375.



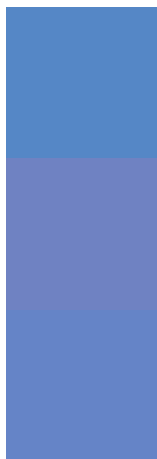
This preview shows how white text looks on a background with the YUV color 127.2320, 34.8886, -37.0375.



# 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

127.2320, 34.8886, -37.0375

### Protanopia

131.6150, 30.7558, -18.0794

### Deuteranopia

130.3690, 33.8351, -25.7566



## Tritanopia

121.9430, 16.2971, -47.3080

# Trichromacy



## Original Color

127.2320, 34.8886, -37.0375

## Protanomaly

130.2120, 31.9405, -24.7419

## Deuteranomaly

129.1620, 34.4301, -29.9601

## Tritanomaly

123.8000, 23.2696, -43.6746

# Monochromacy



## Original Color

127.2320, 34.8886, -37.0375

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.2400, 12.6997, -13.3655

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.2320, 34.8886, -37.0375 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(85, 135, 198)` looks like.

```
.text, #text, p{  
    color:rgb(85, 135, 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(85, 135, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 135, 198) }
```

## Border

The CSS property to change the border of an element to YUV 127.2320, 34.8886, -37.0375 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(85, 135, 198) }
```



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

```
.border{ border-color:rgb(85, 135, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 135, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 135, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 135, 198);  
box-shadow:4px 4px 4px 4px rgb(85, 135,  
198) }
```

# Background

The CSS property to change the background color of an element to YUV 127.2320, 34.8886, -37.0375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 135, 198) }
```

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

```
.background{ background-color: rgb(85, 135,  
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](#).

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