

# Converting Colors

YUV(127.9060, 36.0353,  
-31.4896)

Have a look what the booklet for  
YUV(127.9060, 36.0353, -31.4896)  
contains.

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# Color

**YUV(127.9060, 36.0353,  
-31.4896)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C84C9
RGB	92, 132, 201
RGB Percent	36%, 52%, 79%
CMY	0.6392, 0.4824, 0.2118
CMYK	0.54, 0.34, 0.00, 0.21
HSL	218°, 50%, 57%
HSV	218°, 54%, 79%
XYZ	23.2075, 22.9949, 58.4736
YIQ	127.9060, -45.9890, 12.9790

# Conversions

## Conversions Part 2

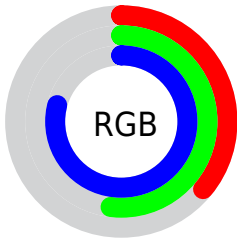
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 121, 201
Decimal	6063305
CIE Lab	55.07, 6.19, -40.04
CIE LCh	55, 40.512, 278.787
Yxy	22.9949, 0.2217, 0.2197
Android (android.graphics.Color)	4284253385 (0xFF5C84C9)
YUV	127.9060, 36.0353, -31.4896
Hunter-Lab	47.9530, 2.4698, -38.7308

# Details

The YUV color **127.9060, 36.0353, -31.4896** 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 **165.0940, -36.0353, 31.4896**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2160, 35.8825, -29.1304**, and **73.8510, 36.0625, -40.2113** is the 20% darker color. If you saturate the color by 10%, you get **114.2950, 42.7456, -37.0927**, and if you desaturate by 10%, it is **141.5170, 29.3251, -25.8864**.

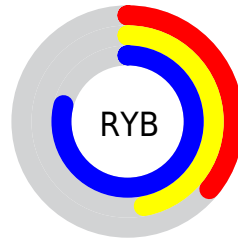
# Distribution



Red (36%)

Green (52%)

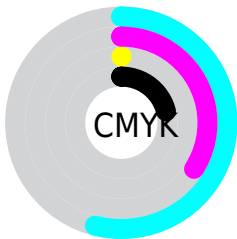
Blue (79%)



Red (36%)

Yellow (47%)

Blue (79%)

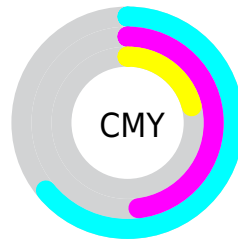


Cyan (54%)

Magenta (34%)

Yellow (0%)

Black (21%)



Cyan (64%)

Magenta (48%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.9060, 36.0353, -31.4896 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 127.9060, 36.0353, -31.4896 by changing the saturation by 10% instead.



■ 127.9060, 36.0353,  
-31.4896

■ 127.9060, 36.0353,  
-31.4896

■ 255.0000, 0.0000,  
0.0000

■ 101.3680, 35.3146,  
-33.6487

■ 182.2160, 35.8825,  
-29.1304

■ 73.8510, 36.0625,  
-40.2113

■ 206.4370, 23.9416,  
-25.8162

■ 48.9000, 35.0523,  
-42.8853

■ 232.1310, 11.2744,  
-22.9169

■ 33.7230, 30.2096,  
-29.5751

■ 249.3190, 2.8007,  
-11.6808

■ 19.2470, 25.5142,  
-16.8796

■ 7.8200, 19.8087,  
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,  
0.0000

■ 127.9060, 36.0353,  
-31.4896

■ 127.9060, 36.0353,  
-31.4896

■ 114.2950, 42.7456,  
-37.0927

■ 141.5170, 29.3251,  
-25.8864

■ 101.2710, 49.1664,  
-43.2107

■ 154.5410, 22.9043,  
-19.7685

■ 87.6600, 55.8766,  
-48.8138

■ 168.1520, 16.1941,  
-14.1653

■ 74.0490, 62.5868,  
-54.4170

■ 181.7630, 9.4838,  
-8.5622

■ 66.3520, 66.3815,  
-58.1907

■ 195.6730, 2.6262,  
-2.3442

■ 208.6970, -3.7946,  
3.7737

■ 222.3080,  
-10.5048, 9.3769

■ 235.9190,  
-17.2151, 14.9800

■ 244.1480,  
-21.2720, 9.5172

# Harmonies

## Analogous

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



105.8120, 44.9557, -92.7971



127.9060, 36.0353, -31.4896



135.4230, 25.4275, 11.0300

# Triad

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



127.9060, 36.0353, -31.4896



131.9500, -20.6813, 53.5409



115.2910, -5.0735, -52.8752

# Complementary

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



127.9060, 36.0353, -31.4896



165.0940, -36.0353, 31.4896

# 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.



123.2990, -23.8114, -16.0482



127.9060, 36.0353, -31.4896



130.2780, -31.6891, 37.4672

# Square

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



127.9060, 36.0353, -31.4896



133.0980, -4.9783, 56.9191



127.6680, -33.3603, 13.4462



104.1240, 18.1799, -91.3167



# Rectangle

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



127.9060, 36.0353, -31.4896



135.8620, 16.3370, 33.4470



127.6680, -33.3603, 13.4462



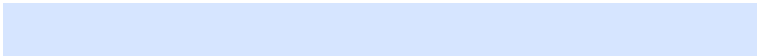
118.8430, -12.2476, -38.4503

# Sweetspot

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



127.9060, 36.0353, -31.4896



227.4790, 13.5679, -11.8211



163.6210, -2.2782, -62.8116



111.1330, 8.3154, -7.1326



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.



127.9060, 36.0353, -31.4896



143.7310, 54.8556, -47.9991



108.3130, 45.6947, -2.9055



92.7870, 3.0630, -2.4442



53.8020, 53.8346, -47.1844



11.7350, 11.9626, -10.2916



# Inverse Universe

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



129.1510, 1.4046, 63.0116



145.5880, 2.1751, 95.9543



184.6870, -45.6947, 2.9055



93.0330, -0.0163, 5.2331



55.5770, 2.1805, 94.2100



12.2460, 0.3717, 20.8323



# Previews

## White Background



This preview shows how the YUV color 127.9060, 36.0353, -31.4896 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

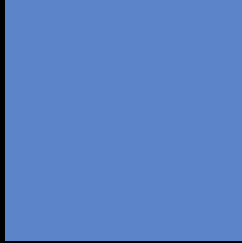
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 127.9060, 36.0353, -31.4896 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

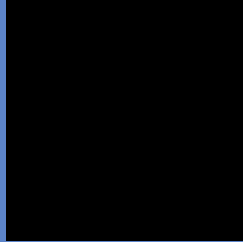
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 127.9060, 36.0353, -31.4896

## Background



This preview shows how black text looks on a background with the YUV color 127.9060, 36.0353, -31.4896.



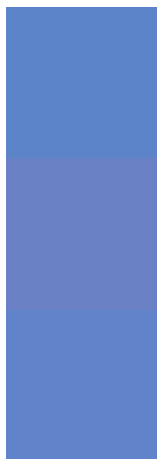
This preview shows how white text looks on a background with the YUV color 127.9060, 36.0353, -31.4896.

-31.4896.

# 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

127.9060, 36.0353, -31.4896

### Protanopia

130.2880, 33.3820, -20.4236

### Deuteranopia

128.8140, 35.5877, -27.9009



## Tritanopia

123.2210, 14.6810, -42.2898

# Trichromacy



## Original Color

127.9060, 36.0353, -31.4896

## Protanomaly

129.4940, 34.2665, -24.1122

## Deuteranomaly

128.2160, 35.8825, -29.1304

## Tritanomaly

124.6050, 22.3797, -38.2416

# Monochromacy



## Original Color

127.9060, 36.0353, -31.4896

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

127.7780, 13.4204, -11.2063

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.9060, 36.0353, -31.4896 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, 132, 201)` looks like.

```
.text, #text, p{  
    color:rgb(92, 132, 201)  
}
```

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, 132, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 132, 201) }
```

## Border

The CSS property to change the border of an element to YUV 127.9060, 36.0353, -31.4896 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, 132, 201) }
```



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

```
.border{ border-color:rgb(92, 132, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 132, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 132, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 132, 201);  
box-shadow:4px 4px 4px 4px rgb(92, 132,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 127.9060, 36.0353, -31.4896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 132, 201) }
```

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

```
.background{ background-color: rgb(92, 132,  
201) }
```

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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