

# Converting Colors

YUV(129.7030, 37.1214,  
-53.2365)

Have a look what the booklet for  
YUV(129.7030, 37.1214, -53.2365)  
contains.

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# Color

**YUV(129.7030, 37.1214,  
-53.2365)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4592CD
RGB	69, 146, 205
RGB Percent	27%, 57%, 80%
CMY	0.7294, 0.4275, 0.1961
CMYK	0.66, 0.29, 0.00, 0.20
HSL	206°, 58%, 54%
HSV	206°, 66%, 80%
XYZ	23.7526, 26.2308, 61.5688
YIQ	129.7030, -64.8310, 2.0250

# Conversions

## Conversions Part 2

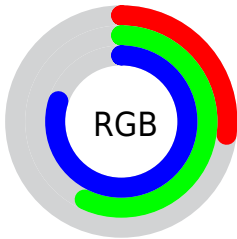
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	69, 118, 205
Decimal	4559565
CIE Lab	58.26, -5.13, -37.36
CIE LCh	58, 37.709, 262.186
Yxy	26.2308, 0.2129, 0.2351
Android (android.graphics.Color)	4282749645 (0xFF4592CD)
YUV	129.7030, 37.1214, -53.2365
Hunter-Lab	51.2160, -6.8445, -35.4237

# Details

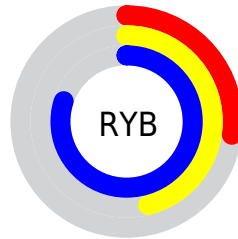
The YUV color **129.7030, 37.1214, -53.2365** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **144.2970, -37.1214, 53.2365**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.3400, 34.3424, -48.5332**, and **73.4520, 37.7382, -64.4174** is the 20% darker color. If you saturate the color by 10%, you get **118.1410, 42.8215, -61.5137**, and if you desaturate by 10%, it is **140.9660, 31.5688, -45.5742**.

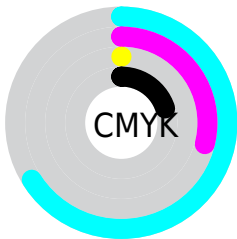
# Distribution



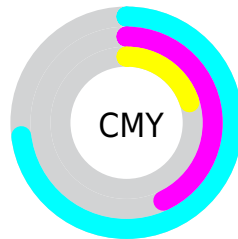
- Red (27%)
- Green (57%)
- Blue (80%)



- Red (27%)
- Yellow (46%)
- Blue (80%)



- Cyan (66%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (73%)
- Magenta (43%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 129.7030, 37.1214, -53.2365 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 129.7030, 37.1214, -53.2365 by changing the saturation by 10% instead.



■ 129.7030, 37.1214,  
-53.2365

■ 129.7030, 37.1214,  
-53.2365

■ 255.0000, 0.0000,  
0.0000

■ 99.5880, 38.1641,  
-61.0287

■ 185.3400, 34.3424,  
-48.5332

■ 73.4520, 37.7382,  
-64.4174

■ 210.7460, 21.8172,  
-44.5042

■ 56.4000, 33.3268,  
-49.4628

■ 235.2660, 9.7289,  
-40.5753

■ 40.6360, 28.7735,  
-35.6378

■ 244.2360, 5.3067,  
-22.1320

■ 26.1600, 24.0781,  
-22.9423

■ 253.2060, 0.8844,  
-3.6887

■ 8.2760, 21.5559,  
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,  
0.0000

■ 129.7030, 37.1214,  
-53.2365

■ 129.7030, 37.1214,  
-53.2365

■ 118.1410, 42.8215,  
-61.5137

■ 140.9660, 31.5688,  
-45.5742

■ 106.8780, 48.3741,  
-69.1760

■ 152.5280, 25.8687,  
-37.2971

■ 95.3160, 54.0742,  
-77.4531

■ 164.0900, 20.1686,  
-29.0199

■ 91.4620, 55.9742,  
-80.2122

■ 175.3530, 14.6160,  
-21.3576

■ 186.0290, 9.3527,  
-13.1804

■ 197.5910, 3.6526,  
-4.9033

■ 208.8540, -1.9000,  
2.7590

■ 220.4160, -7.6001,  
11.0362

■ 231.6790,  
-13.1527, 18.6985

# Harmonies

## Analogous

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



112.1720, 38.8622, -98.3748



129.7030, 37.1214, -53.2365



141.0290, 29.5657, -9.6724

# Triad

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



129.7030, 37.1214, -53.2365



141.5400, -12.0982, 53.9004



130.2850, -15.9165, -28.3139

# Complementary

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



129.7030, 37.1214, -53.2365



144.2970, -37.1214, 53.2365

# 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.



135.1440, -28.6650, 0.7507



129.7030, 37.1214, -53.2365



139.7550, -25.0222, 45.8189

# Square

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



129.7030, 37.1214, -53.2365



143.2200, 3.3425, 48.0421



137.9130, -31.5091, 26.3863



120.7330, 4.5686, -65.5408



# Rectangle

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



129.7030, 37.1214, -53.2365



143.6470, 22.3590, 15.2186



137.9130, -31.5091, 26.3863



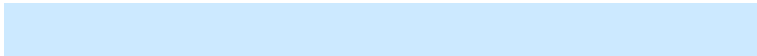
132.0860, -20.7484, -18.4924

# Sweetspot

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



129.7030, 37.1214, -53.2365



226.8370, 13.8844, -20.0280



155.5580, -13.5861, -75.9114



110.5130, 8.6211, -11.8509



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.



129.7030, 37.1214, -53.2365



142.3480, 55.5374, -80.1122



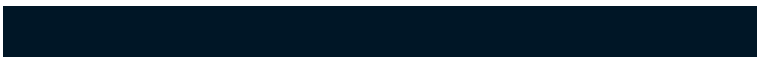
89.7870, 56.8000, -18.2302



96.6620, 2.6316, -4.0886



74.1020, 45.3057, -64.9875



17.2460, 10.2317, -15.1247



# Inverse Universe

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



118.4420, 13.5861, 75.9114



125.2200, 20.5975, 113.8171



184.2130, -56.8000, 18.2302



95.6740, 1.1467, 5.5479



60.3500, 16.5894, 92.6551

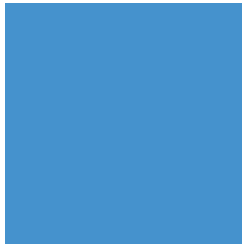


13.8700, 4.0081, 21.1620



# Previews

## White Background



This preview shows how the YUV color 129.7030, 37.1214, -53.2365 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

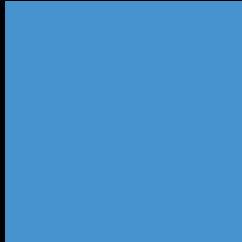
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 129.7030, 37.1214, -53.2365 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

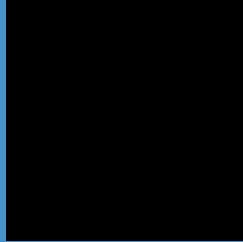
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 129.7030, 37.1214, -53.2365

## Background



This preview shows how black text looks on a background with the YUV color 129.7030, 37.1214, -53.2365.



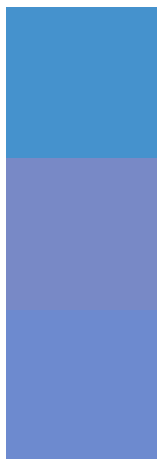
This preview shows how white text looks on a background with the YUV color 129.7030, 37.1214, -53.2365.



# 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

129.7030, 37.1214, -53.2365

### Protanopia

138.8710, 29.1506, -16.5499

### Deuteranopia

137.1950, 34.4139, -24.7270



## Tritanopia

122.4890, 21.4509, -67.0809

# Trichromacy



## Original Color

129.7030, 37.1214, -53.2365

## Protanomaly

135.2930, 32.3936, -30.0750

## Deuteranomaly

134.3570, 35.3200, -35.3931

## Tritanomaly

124.7160, 27.2550, -62.0179

# Monochromacy



## Original Color

129.7030, 37.1214, -53.2365

## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

130.0220, 13.3002, -19.3133

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.7030, 37.1214, -53.2365 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(69, 146, 205)` looks like.

```
.text, #text, p{  
    color:rgb(69, 146, 205)  
}
```

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(69, 146, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 146, 205) }
```

## Border

The CSS property to change the border of an element to YUV 129.7030, 37.1214, -53.2365 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(69, 146, 205) }
```



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

```
.border{ border-color:rgb(69, 146, 205) }
```

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

Here you see how a box with a 4 pixel rgb(69, 146, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 146, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 146, 205);  
box-shadow:4px 4px 4px 4px rgb(69, 146,  
205) }
```

# Background

The CSS property to change the background color of an element to YUV 129.7030, 37.1214, -53.2365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 146, 205) }
```

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

```
.background{ background-color: rgb(69, 146,  
205) }
```

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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