

# Converting Colors

YUV(152.7230, 30.2096,  
-29.5751)

Have a look what the booklet for  
YUV(152.7230, 30.2096, -29.5751)  
contains.

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# Color

**YUV(152.7230, 30.2096,  
-29.5751)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	779ED6
RGB	119, 158, 214
RGB Percent	47%, 62%, 84%
CMY	0.5333, 0.3804, 0.1608
CMYK	0.44, 0.26, 0.00, 0.16
HSL	215°, 54%, 65%
HSV	215°, 44%, 84%
XYZ	31.9722, 33.2307, 68.3474
YIQ	152.7230, -41.2200, 9.1480

# Conversions

## Conversions Part 2

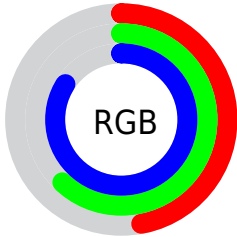
Format	Color
R <sub>Y</sub> B	119, 147, 214
Decimal	7839446
CIE <sub>Lab</sub>	64.35, 1.41, -32.71
CIE <sub>LCh</sub>	64, 32.745, 272.468
Y <sub>xy</sub>	33.2307, 0.2394, 0.2488
Android (android.graphics.Color)	4286029526 (0xFF779ED6)
Y <sub>UV</sub>	152.7230, 30.2096, -29.5751
Hunter-Lab	57.6461, -1.8793, -29.9442

# Details

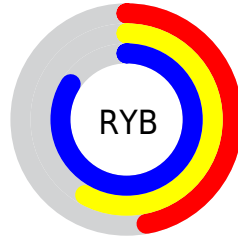
The YUV color **152.7230, 30.2096, -29.5751** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **180.2770, -30.2096, 29.5751**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8390, 24.2364, -27.0458**, and **100.0710, 29.0520, -31.6343** is the 20% darker color. If you saturate the color by 10%, you get **138.8130, 37.0672, -35.7930**, and if you desaturate by 10%, it is **166.6330, 23.3519, -23.3571**.

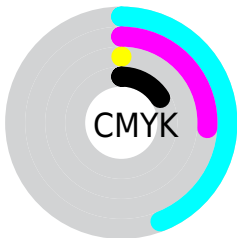
# Distribution



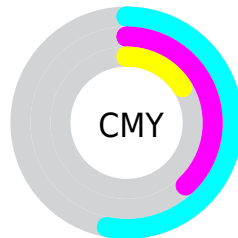
- Red (47%)
- Green (62%)
- Blue (84%)



- Red (47%)
- Yellow (58%)
- Blue (84%)



- Cyan (44%)
- Magenta (26%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (38%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.7230, 30.2096, -29.5751 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 152.7230, 30.2096, -29.5751 by changing the saturation by 10% instead.



■ 152.7230, 30.2096,  
-29.5751

■ 152.7230, 30.2096,  
-29.5751

■ 255.0000, 0.0000,  
0.0000

■ 126.1960, 29.4834,  
-29.9899

■ 205.8390, 24.2364,  
-27.0458

■ 100.0710, 29.0520,  
-31.6343

■ 231.2340, 11.7166,  
-24.7612

■ 73.7500, 29.2102,  
-35.7377

■ 248.1230, 3.3904,  
-14.1399

■ 47.4180, 29.3739,  
-41.5856

■ 32.3550, 24.9680,  
-28.3753

■ 17.2920, 20.5620,  
-15.1651

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,  
-1.9145

■ 0.0000, 0.0000,  
0.0000

■ 152.7230, 30.2096,  
-29.5751

■ 152.7230, 30.2096,  
-29.5751

■ 138.8130, 37.0672,  
-35.7930

■ 166.6330, 23.3519,  
-23.3571

■ 125.1910, 43.7828,  
-43.1405

■ 180.2550, 16.6363,  
-16.0096

■ 111.2810, 50.6405,  
-49.3584

■ 194.1650, 9.7787,  
-9.7917

■ 97.6590, 57.3561,  
-56.7059

■ 207.7870, 3.0630,  
-2.4442

■ 83.7490, 64.2137,  
-62.9239

■ 221.6970, -3.7946,  
3.7737

■ 76.0520, 68.0084,  
-66.6976

■ 235.6070,  
-10.6523, 9.9917

■ 245.0430,  
-15.3042, 8.7323

■ 250.3260,  
-17.9087, 4.0991

# Harmonies

## Analogous

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



142.5680, 31.7650, -61.8881



152.7230, 30.2096, -29.5751



158.9830, 22.6864, 3.5229

# Triad

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



152.7230, 30.2096, -29.5751



157.5840, -15.5709, 47.7228



146.0870, -8.9169, -33.4023

# Complementary

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



152.7230, 30.2096, -29.5751



180.2770, -30.2096, 29.5751

# 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.



150.8100, -22.0913, -7.7264



152.7230, 30.2096, -29.5751



156.2870, -25.2845, 36.5823

# Square

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



152.7230, 30.2096, -29.5751



159.7160, -2.3250, 45.8531



153.7700, -27.9876, 16.8647



140.0910, 8.3361, -60.5928



# Rectangle

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



152.7230, 30.2096, -29.5751



160.2690, 15.6434, 22.5661



153.7700, -27.9876, 16.8647



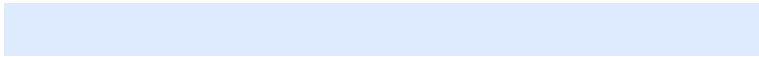
148.0620, -14.3276, -24.6104

# Sweetspot

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



152.7230, 30.2096, -29.5751



233.3930, 10.6523, -9.9917



181.0350, -3.4683, -54.4047



114.0900, 6.8576, -6.2179



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

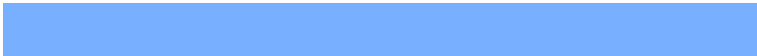


# Same Dimension

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



152.7230, 30.2096, -29.5751



167.6750, 43.0512, -41.8110



132.2220, 40.3166, -4.5797



100.1890, 3.3578, -3.6738



60.5840, 54.4351, -53.1322



15.4680, 13.5733, -13.5654



# Inverse Universe

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



151.8510, 3.0315, 54.5047



166.6350, 4.1239, 77.4961



200.7780, -40.3166, 4.5797



99.8590, 0.5625, 6.2627



59.1090, 5.3693, 98.1284



14.9090, 1.5239, 24.6358



# Previews

## White Background



This preview shows how the YUV color 152.7230, 30.2096, -29.5751 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

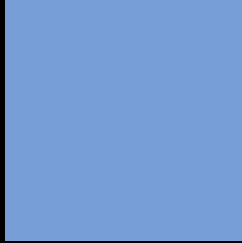
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.7230, 30.2096, -29.5751 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

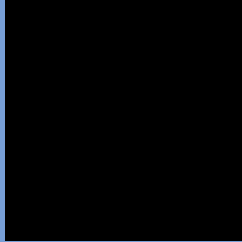
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

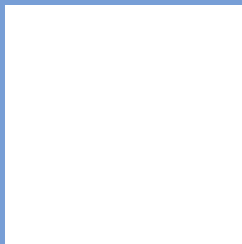
Any Text WCAG AAA ✓ Pass

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

# YUV 152.7230, 30.2096, -29.5751 Background



This preview shows how black text looks on a background with the YUV color 152.7230, 30.2096, -29.5751.



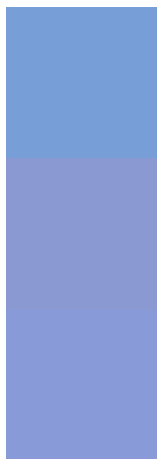
This preview shows how white text looks on a background with the YUV color 152.7230, 30.2096, -29.5751.

-29.5751.

# 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

152.7230, 30.2096, -29.5751

### Protanopia

155.4260, 27.3980, -14.4056

### Deuteranopia

155.5720, 29.2980, -17.1646



## Tritanopia

149.7380, 13.9332, -35.7272

# Trichromacy



## Original Color

152.7230, 30.2096, -29.5751

## Protanomaly

154.6210, 28.2878, -19.8386

## Deuteranomaly

154.3650, 29.8931, -21.3681

## Tritanomaly

150.6550, 19.8901, -33.0234

# Monochromacy



## Original Color

152.7230, 30.2096, -29.5751

## Achromatopsia

153.0000, 0.0000, 0.0000

## Achromatomaly

153.0940, 10.7997, -10.6064

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.7230, 30.2096, -29.5751 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(119, 158, 214)` looks like.

```
.text, #text, p{  
    color:rgb(119, 158, 214)  
}
```

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(119, 158, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 158, 214) }
```

## Border

The CSS property to change the border of an element to YUV 152.7230, 30.2096, -29.5751 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(119, 158, 214) }
```



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

```
.border{ border-color:rgb(119, 158, 214) }
```

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

Here you see how a box with a 4 pixel rgb(119, 158, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 158, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 158, 214);  
box-shadow:4px 4px 4px 4px rgb(119, 158,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 152.7230, 30.2096, -29.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 158, 214) }
```

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

```
.background{ background-color: rgb(119,  
158, 214) }
```

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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