

# Converting Colors

YUV(123.0260, 50.7662,  
-42.9958)

Have a look what the booklet for  
YUV(123.0260, 50.7662, -42.9958)  
contains.

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# Color

**YUV(123.0260, 50.7662,  
-42.9958)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A80E2
RGB	74, 128, 226
RGB Percent	29%, 50%, 89%
CMY	0.7098, 0.4980, 0.1137
CMYK	0.67, 0.43, 0.00, 0.11
HSL	219°, 72%, 59%
HSV	219°, 67%, 89%
XYZ	24.2707, 22.3852, 74.9931
YIQ	123.0260, -63.6420, 19.0300

# Conversions

## Conversions Part 2

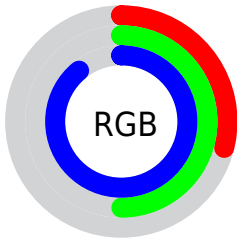
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	74, 114, 226
Decimal	4882658
CIE Lab	54.43, 13.62, -55.19
CIE LCh	54, 56.844, 283.865
Yxy	22.3852, 0.1995, 0.1840
Android (android.graphics.Color)	4283072738 (0xFF4A80E2)
YUV	123.0260, 50.7662, -42.9958
Hunter-Lab	47.3130, 8.7695, -60.8581

# Details

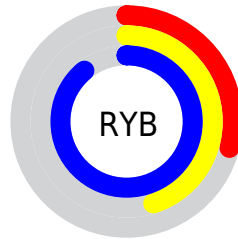
The YUV color **123.0260, 50.7662, -42.9958** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **176.9740, -50.7662, 42.9958**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6930, 39.0984, -33.9338**, and **66.3400, 51.1044, -58.1802** is the 20% darker color. If you saturate the color by 10%, you get **107.3440, 58.4974, -49.4137**, and if you desaturate by 10%, it is **138.7080, 43.0350, -36.5779**.

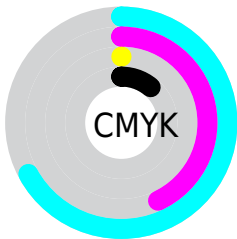
# Distribution



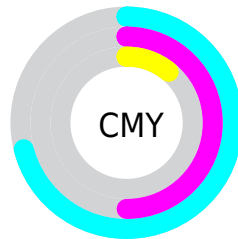
- Red (29%)
- Green (50%)
- Blue (89%)



- Red (29%)
- Yellow (45%)
- Blue (89%)



- Cyan (67%)
- Magenta (43%)
- Yellow (0%)
- Black (11%)



- Cyan (71%)
- Magenta (50%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.0260, 50.7662, -42.9958 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 123.0260, 50.7662, -42.9958 by changing the saturation by 10% instead.



■ 123.0260, 50.7662,  
-42.9958

■ 123.0260, 50.7662,  
-42.9958

■ 255.0000, 0.0000,  
0.0000

■ 92.9000, 51.8143,  
-52.5323

■ 175.6930, 39.0984,  
-33.9338

■ 66.3400, 51.1044,  
-58.1802

■ 201.0990, 26.5732,  
-29.9048

■ 49.7610, 45.9668,  
-43.6404

■ 226.5050, 14.0480,  
-25.8759

■ 35.0570, 40.3979,  
-30.7450

■ 246.9270, 3.9800,  
-16.5990

■ 20.3530, 34.8290,  
-17.8496

■ 11.7470, 27.2397,  
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,  
-2.7143

■ 0.0000, 0.0000,  
0.0000

■ 123.0260, 50.7662,  
-42.9958

■ 123.0260, 50.7662,  
-42.9958

■ 107.3440, 58.4974,  
-49.4137

■ 138.7080, 43.0350,  
-36.5779

■ 92.5480, 65.7918,  
-55.7316

■ 153.5040, 35.7405,  
-30.2600

■ 76.8660, 73.5231,  
-62.1495

■ 169.1860, 28.0093,  
-23.8421

■ 72.7240, 75.5651,  
-63.7789

■ 183.9820, 20.7149,  
-17.5242

■ 199.6640, 12.9836,  
-11.1063

■ 214.7590, 5.5418,  
-4.1736

■ 230.1420, -2.0420,  
1.6295

■ 245.8240, -9.7732,  
8.0474

■ 251.6940,  
-12.6671, 2.8994

# Harmonies

## Analogous

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



109.5910, 56.8966, -96.1113



123.0260, 50.7662, -42.9958



134.2750, 33.3884, 24.3148

# Triad

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



123.0260, 50.7662, -42.9958



126.7150, -30.9185, 70.4099



100.7380, 0.1292, -88.3472

# Complementary

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



123.0260, 50.7662, -42.9958



176.9740, -50.7662, 42.9958

# 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.



114.8810, -30.0143, -33.2216



123.0260, 50.7662, -42.9958



125.2670, -48.4456, 45.3698

# Square

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



123.0260, 50.7662, -42.9958



126.6280, -8.6906, 81.0102



121.4770, -50.5212, 10.9827



107.7260, 21.8271, -94.4757



# Rectangle

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



123.0260, 50.7662, -42.9958



132.4330, 20.4925, 53.9943



121.4770, -50.5212, 10.9827



97.7400, -6.2808, -85.7180

# Sweetspot

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



123.0260, 50.7662, -42.9958



220.3800, 17.0677, -14.3653



174.1680, -2.0548, -87.8473



106.9910, 10.3574, -8.7621



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.



123.0260, 50.7662, -42.9958



115.0360, 69.0023, -58.7906



97.3080, 63.4452, -2.9011



104.6020, 3.6472, -3.1590



57.0450, 58.6448, -50.0285



15.4510, 16.0467, -13.5505



# Inverse Universe

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



125.6040, 1.1812, 88.0473



118.3290, 1.8098, 119.8605



202.6920, -63.4452, 2.9011



104.7450, 0.1257, 6.3626



59.8060, 1.5746, 101.9021

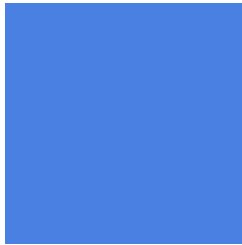


16.2900, 0.3500, 27.8097



# Previews

## White Background



This preview shows how the YUV color 123.0260, 50.7662, -42.9958 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

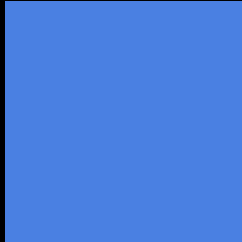
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 123.0260, 50.7662, -42.9958 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

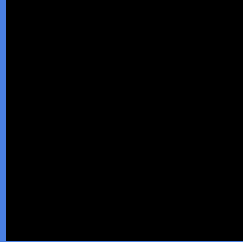
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

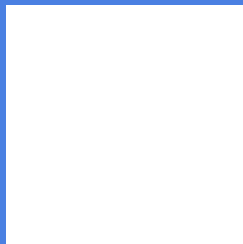
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 123.0260, 50.7662, -42.9958

## Background



This preview shows how black text looks on a background with the YUV color 123.0260, 50.7662, -42.9958.



This preview shows how white text looks on a background with the YUV color 123.0260, 50.7662, -42.9958.

-42.9958.

# 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

123.0260, 50.7662, -42.9958

### Protanopia

125.2120, 48.7025, -34.3889

### Deuteranopia

118.0950, 52.7042, -57.9653



## Tritanopia

107.5800, 23.3781, -78.5617

# Trichromacy



## Original Color

123.0260, 50.7662, -42.9958

## Protanomaly

124.7170, 49.4395, -37.4628

## Deuteranomaly

119.9000, 51.8143, -52.5323

## Tritanomaly

113.0020, 33.5230, -65.7768

# Monochromacy



## Original Color

123.0260, 50.7662, -42.9958

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

123.0100, 18.2361, -15.7948

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.0260, 50.7662, -42.9958 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(74, 128, 226)` looks like.

```
.text, #text, p{  
    color:rgb(74, 128, 226)  
}
```

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(74, 128, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 128, 226) }
```

## Border

The CSS property to change the border of an element to YUV 123.0260, 50.7662, -42.9958 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(74, 128, 226) }
```



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

```
.border{ border-color:rgb(74, 128, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 128, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 128, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 128, 226);  
box-shadow:4px 4px 4px 4px rgb(74, 128,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 123.0260, 50.7662, -42.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 128, 226) }
```

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

```
.background{ background-color: rgb(74, 128,  
226) }
```

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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