

# Converting Colors

YUV(124.4600, 19.0002,  
-27.5904)

Have a look what the booklet for  
YUV(124.4600, 19.0002, -27.5904)  
contains.

<b>YUV(124.4600, 19.0002, -27.5904)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(124.4600, 19.0002,  
-27.5904)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D85A3
RGB	93, 133, 163
RGB Percent	36%, 52%, 64%
CMY	0.6353, 0.4784, 0.3608
CMYK	0.43, 0.18, 0.00, 0.36
HSL	206°, 28%, 50%
HSV	206°, 43%, 64%
XYZ	19.5126, 21.7466, 37.8194
YIQ	124.4600, -33.4700, 0.8500

# Conversions

## Conversions Part 2

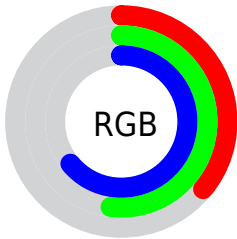
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	93, 118, 163
Decimal	6129059
CIE Lab	53.76, -5.72, -20.32
CIE LCh	54, 21.106, 254.282
Yxy	21.7466, 0.2467, 0.2750
Android (android.graphics.Color)	4284319139 (0xFF5D85A3)
YUV	124.4600, 19.0002, -27.5904
Hunter-Lab	46.6332, -6.9189, -15.4408

# Details

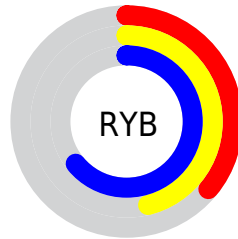
The YUV color **124.4600, 19.0002, -27.5904** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **131.5400, -19.0002, 27.5904**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6880, 19.8738, -27.7904**, and **74.2210, 18.1320, -29.1348** is the 20% darker color. If you saturate the color by 10%, you get **115.5670, 23.3845, -33.8233**, and if you desaturate by 10%, it is **133.3530, 14.6160, -21.3576**.

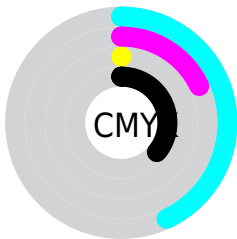
# Distribution



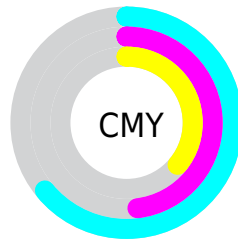
- Red (36%)
- Green (52%)
- Blue (64%)



- Red (36%)
- Yellow (46%)
- Blue (64%)



- Cyan (43%)
- Magenta (18%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (48%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.4600, 19.0002, -27.5904 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 124.4600, 19.0002, -27.5904 by changing the saturation by 10% instead.



■ 124.4600, 19.0002,  
-27.5904

■ 124.4600, 19.0002,  
-27.5904

■ 255.0000, 0.0000,  
0.0000

■ 99.0470, 18.7108,  
-28.1052

■ 177.6880, 19.8738,  
-27.7904

■ 74.2210, 18.1320,  
-29.1348

■ 205.6880, 19.8738,  
-27.7904

■ 48.1170, 19.1693,  
-35.1826

■ 231.5220, 11.5747,  
-25.8908

■ 30.0750, 16.2320,  
-26.3758

■ 247.5250, 3.6852,  
-15.3694

■ 15.2400, 12.6997,  
-13.3655

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 124.4600, 19.0002,  
-27.5904

■ 124.4600, 19.0002,  
-27.5904

■ 115.5670, 23.3845,  
-33.8233

■ 133.3530, 14.6160,  
-21.3576

■ 106.3750, 27.9161,  
-40.6709

■ 142.5450, 10.0843,  
-14.5100

■ 97.4820, 32.3004,  
-46.9037

■ 151.4380, 5.7001,  
-8.2771

■ 88.5890, 36.6846,  
-53.1366

■ 160.3310, 1.3158,  
-2.0443

■ 79.6960, 41.0689,  
-59.3694

■ 169.5230, -3.2158,  
4.8033

■ 73.1730, 44.2847,  
-64.1727

■ 178.4160, -7.6001,  
11.0362

■ 187.3090,  
-11.9843, 17.2690

■ 196.2020,  
-16.3686, 23.5018

■ 205.3940,  
-20.9002, 30.3495

# Harmonies

## Analogous

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



120.5850, 15.9806, -39.1010



124.4600, 19.0002, -27.5904



128.4130, 17.0514, -9.1322

# Triad

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



124.4600, 19.0002, -27.5904



130.5200, -5.1864, 30.2390



124.3610, -11.0240, -10.8406

# Complementary

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



124.4600, 19.0002, -27.5904



131.5400, -19.0002, 27.5904

# 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.



126.6790, -16.6037, 5.5435



124.4600, 19.0002, -27.5904



129.5600, -12.6011, 28.4499

# Square

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



124.4600, 19.0002, -27.5904



131.4790, 3.7079, 24.1359



128.3540, -16.9365, 18.9835



121.9660, -1.9552, -26.2802



# Rectangle

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



124.4600, 19.0002, -27.5904



130.5780, 13.5190, 3.8781



128.3540, -16.9365, 18.9835



125.4110, -13.5136, -5.6224

# Sweetspot

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



124.4600, 19.0002, -27.5904



196.5840, 7.6001, -11.0362



137.3960, -7.5902, -38.9353



97.8080, 4.5317, -6.8476



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



124.4600, 19.0002, -27.5904



150.9340, 30.1055, -42.9151



104.5020, 28.8395, -10.0873



76.9610, 2.4842, -3.4738



65.2510, 39.3163, -57.2251



7.9220, 4.9685, -6.9476



# Inverse Universe

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



118.4900, 7.1534, 39.0353



141.9580, 10.8667, 61.4268



151.4980, -28.8395, 10.0873



76.2610, 0.8573, 5.0331



52.8170, 14.8802, 80.8445



6.5220, 1.7147, 10.0662



# Previews

## White Background



This preview shows how the YUV color 124.4600, 19.0002, -27.5904 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 124.4600, 19.0002, -27.5904 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

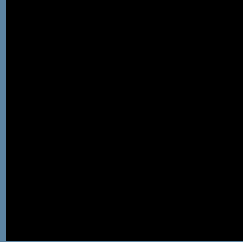
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

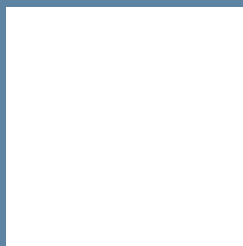
Any Text WCAG AAA × Fail

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

# YUV 124.4600, 19.0002, -27.5904 Background



This preview shows how black text looks on a background with the YUV color 124.4600, 19.0002, -27.5904.



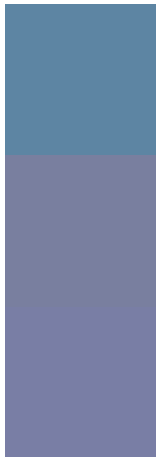
This preview shows how white text looks on a background with the YUV color 124.4600, 19.0002, -27.5904.



# 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

124.4600, 19.0002, -27.5904

### Protanopia

128.8540, 14.8620, -6.8880

### Deuteranopia

128.9510, 17.7722, -6.9730



## Tritanopia

122.9020, 11.8803, -30.6091

# Trichromacy



## Original Color

124.4600, 19.0002, -27.5904

## Protanomaly

127.1520, 16.1941, -14.1653

## Deuteranomaly

127.6080, 17.9413, -14.5652

## Tritanomaly

123.5970, 14.4957, -29.4646

# Monochromacy



## Original Color

124.4600, 19.0002, -27.5904

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

124.0680, 6.8685, -9.7066

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.4600, 19.0002, -27.5904 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(93, 133, 163)` looks like.

```
.text, #text, p{  
    color:rgb(93, 133, 163)  
}
```

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(93, 133, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 133, 163) }
```

## Border

The CSS property to change the border of an element to YUV 124.4600, 19.0002, -27.5904 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(93, 133, 163) }
```



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

```
.border{ border-color:rgb(93, 133, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 133, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 133, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 133, 163);  
box-shadow:4px 4px 4px 4px rgb(93, 133,  
163) }
```

# Background

The CSS property to change the background color of an element to YUV 124.4600, 19.0002, -27.5904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 133, 163) }
```

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

```
.background{ background-color: rgb(93, 133,  
163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor