

# Converting Colors

YUV(106.9530, 28.1242,  
-13.9908)

Have a look what the booklet for  
YUV(106.9530, 28.1242, -13.9908)  
contains.

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# Color

**YUV(106.9530, 28.1242,  
-13.9908)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B68A4
RGB	91, 104, 164
RGB Percent	36%, 41%, 64%
CMY	0.6431, 0.5922, 0.3569
CMYK	0.45, 0.37, 0.00, 0.36
HSL	229°, 29%, 50%
HSV	229°, 45%, 64%
XYZ	15.9655, 14.8051, 37.1382
YIQ	106.9530, -27.0080, 15.9040

# Conversions

## Conversions Part 2

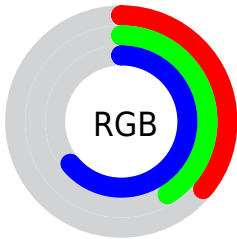
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	91, 102, 164
Decimal	5990564
CIE Lab	45.37, 11.37, -33.94
CIE LCh	45, 35.789, 288.523
Yxy	14.8051, 0.2351, 0.2180
Android (android.graphics.Color)	4284180644 (0xFF5B68A4)
YUV	106.9530, 28.1242, -13.9908
Hunter-Lab	38.4774, 6.7300, -30.2921

# Details

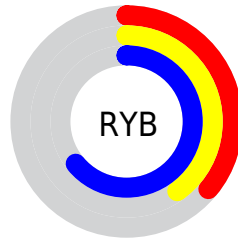
The YUV color **106.9530, 28.1242, -13.9908** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **148.0470, -28.1242, 13.9908**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0070, 29.5765, -13.1611**, and **57.5890, 26.8246, -17.1796** is the 20% darker color. If you saturate the color by 10%, you get **94.5380, 34.2448, -17.1348**, and if you desaturate by 10%, it is **119.3680, 22.0036, -10.8467**.

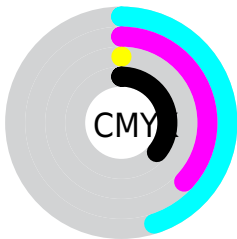
# Distribution



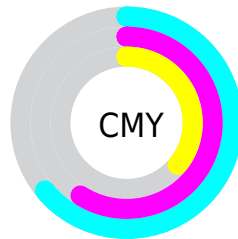
- Red (36%)
- Green (41%)
- Blue (64%)



- Red (36%)
- Yellow (40%)
- Blue (64%)



- Cyan (45%)
- Magenta (37%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (59%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.9530, 28.1242, -13.9908 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 106.9530, 28.1242, -13.9908 by changing the saturation by 10% instead.



■ 106.9530, 28.1242,  
-13.9908

■ 106.9530, 28.1242,  
-13.9908

■ 255.0000, 0.0000,  
0.0000

■ 82.0130, 27.1086,  
-14.9204

■ 159.0070, 29.5765,  
-13.1611

■ 57.5890, 26.8246,  
-17.1796

■ 186.5340, 30.3027,  
-12.7463

■ 31.9470, 27.1411,  
-25.3865

■ 211.5530, 21.4194,  
-10.1320

■ 16.5740, 22.8880,  
-14.5354

■ 236.6600, 9.0416,  
-6.7178

■ 6.4350, 17.0405,  
-5.6435

■ 2.7530, 8.0098,  
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 106.9530, 28.1242,  
-13.9908

■ 106.9530, 28.1242,  
-13.9908

■ 94.5380, 34.2448,  
-17.1348

■ 119.3680, 22.0036,  
-10.8467

■ 81.2370, 40.8022,  
-20.3788

■ 132.6690, 15.4462,  
-7.6027

■ 68.8220, 46.9228,  
-23.5229

■ 145.0840, 9.3256,  
-4.4587

■ 55.5210, 53.4801,  
-26.7669

■ 158.3850, 2.7682,  
-1.2146

■ 43.1060, 59.6007,  
-29.9110

■ 170.8000, -3.3524,  
1.9294

■ 35.7190, 63.2425,  
-31.3256

■ 183.8020, -9.7624,  
4.5586

■ 196.5160,  
-16.0304, 8.3175

■ 209.5180,  
-22.4404, 10.9467

■ 222.2320,  
-28.7084, 14.7055

# Harmonies

## Analogous

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



88.5330, 38.1912, -69.7504



106.9530, 28.1242, -13.9908



110.5290, 17.9802, 19.7071

# Triad

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



106.9530, 28.1242, -13.9908



107.0580, -21.2276, 42.0451



86.8150, 3.5422, -62.9818

# Complementary

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



106.9530, 28.1242, -13.9908



148.0470, -28.1242, 13.9908

# 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.



98.6170, -16.0802, -22.4661



106.9530, 28.1242, -13.9908



105.7110, -28.4515, 25.6865

# Square

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



106.9530, 28.1242, -13.9908



108.0170, -8.8824, 49.0971



102.6220, -26.9286, 3.8395



86.4510, 19.0047, -75.8175



# Rectangle

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



106.9530, 28.1242, -13.9908



110.4510, 9.6377, 35.5615



102.6220, -26.9286, 3.8395



93.1610, -4.5164, -44.8682

# Sweetspot

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



106.9530, 28.1242, -13.9908



192.1270, 10.7834, -5.3734



140.6910, 5.0823, -43.5790



93.6990, 6.5574, -3.2440



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.



106.9530, 28.1242, -13.9908



125.6220, 43.5704, -21.5935



106.1990, 28.4959, 6.8415



75.2000, 3.3524, -1.9294



31.7920, 55.8115, -27.8816



3.8130, 6.9942, -3.3440



# Inverse Universe

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



114.3090, -5.0823, 43.5790



137.0670, -7.9210, 67.4702



148.8010, -28.4959, -6.8415



75.9190, -0.4531, 5.3330



46.3190, -10.0173, 86.5432

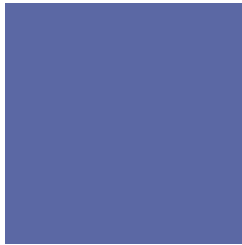


5.7240, -1.3429, 10.7661



# Previews

## White Background



This preview shows how the YUV color 106.9530, 28.1242, -13.9908 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

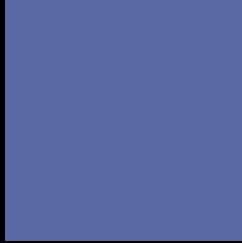
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 106.9530, 28.1242, -13.9908 looks on a black 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

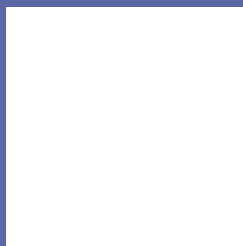
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 106.9530, 28.1242, -13.9908

## Background



This preview shows how black text looks on a background with the YUV color 106.9530, 28.1242, -13.9908.



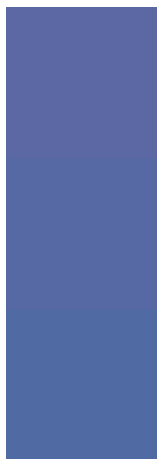
This preview shows how white text looks on a background with the YUV color 106.9530, 28.1242, -13.9908.

-13.9908.

# 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

106.9530, 28.1242, -13.9908

### Protanopia

106.1590, 29.0086, -17.6794

### Deuteranopia

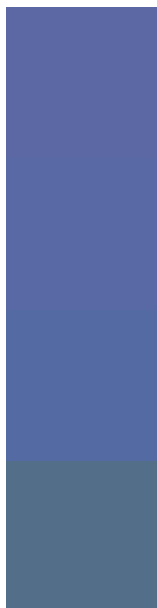
105.3110, 28.4407, -22.1977



## Tritanopia

103.8600, 8.9430, -21.8022

# Trichromacy



## Original Color

106.9530, 28.1242, -13.9908

## Protanomaly

106.7570, 28.7138, -16.4499

## Deuteranomaly

105.9200, 28.1404, -19.2238

## Tritanomaly

105.0050, 15.7735, -19.2984

# Monochromacy



## Original Color

106.9530, 28.1242, -13.9908

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

107.0130, 10.3466, -5.2734

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.9530, 28.1242, -13.9908 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(91, 104, 164)` looks like.

```
.text, #text, p{  
    color:rgb(91, 104, 164)  
}
```

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(91, 104, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 104, 164) }
```

## Border

The CSS property to change the border of an element to YUV 106.9530, 28.1242, -13.9908 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(91, 104, 164) }
```



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

```
.border{ border-color:rgb(91, 104, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 104, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 104, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 104, 164);  
box-shadow:4px 4px 4px 4px rgb(91, 104,  
164) }
```

# Background

The CSS property to change the background color of an element to YUV 106.9530, 28.1242, -13.9908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 104, 164) }
```

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

```
.background{ background-color: rgb(91, 104,  
164) }
```

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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