

# Converting Colors

YUV(89.3290, 7.7258, -4.6735)

Have a look what the booklet for  
YUV(89.3290, 7.7258, -4.6735)  
contains.

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# Color

**YUV(89.3290, 7.7258,  
-4.6735)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	545969
RGB	84, 89, 105
RGB Percent	33%, 35%, 41%
CMY	0.6706, 0.6510, 0.5882
CMYK	0.20, 0.15, 0.00, 0.59
HSL	226°, 11%, 37%
HSV	226°, 20%, 41%
XYZ	9.7783, 10.0495, 14.7890
YIQ	89.3290, -8.1160, 3.9160

# Conversions

## Conversions Part 2

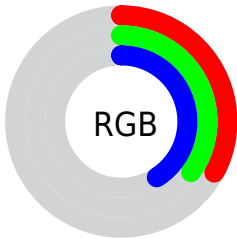
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 88, 105
Decimal	5527913
CIE Lab	37.93, 1.82, -9.82
CIE LCh	38, 9.990, 280.519
Yxy	10.0495, 0.2825, 0.2903
Android (android.graphics.Color)	4283717993 (0xFF545969)
YUV	89.3290, 7.7258, -4.6735
Hunter-Lab	31.7009, -0.4173, -5.4690

# Details

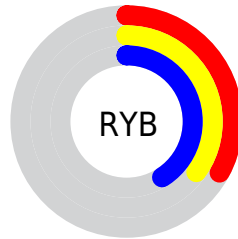
The YUV color **89.3290, 7.7258, -4.6735** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.6710, -7.7258, 4.6735**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4430, 8.1626, -4.7735**, and **44.1010, 6.8522, -4.4736** is the 20% darker color. If you saturate the color by 10%, you get **81.6430, 11.5150, -6.7029**, and if you desaturate by 10%, it is **97.3140, 3.7892, -2.0294**.

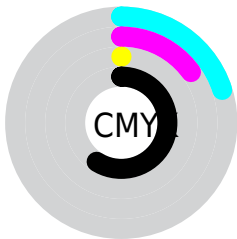
# Distribution



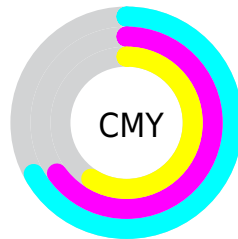
- Red (33%)
- Green (35%)
- Blue (41%)



- Red (33%)
- Yellow (35%)
- Blue (41%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (59%)



- Cyan (67%)
- Magenta (65%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.3290, 7.7258, -4.6735 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 89.3290, 7.7258, -4.6735 by changing the saturation by 10% instead.



■ 89.3290, 7.7258,  
-4.6735

■ 89.3290, 7.7258,  
-4.6735

■ 255.0000, 0.0000,  
0.0000

■ 66.2150, 7.2890,  
-4.5736

■ 139.4430, 8.1626,  
-4.7735

■ 44.1010, 6.8522,  
-4.4736

■ 165.5570, 8.5994,  
-4.8735

■ 22.9870, 6.4154,  
-4.3736

■ 192.6710, 9.0362,  
-4.9735

■ 2.2970, 6.2626,  
-2.0145

■ 220.6710, 9.0362,  
-4.9735

■ 0.0000, 0.0000,  
0.0000

■ 247.8900, 3.5052,  
-4.2885

■ 89.3290, 7.7258,  
-4.6735

■ 89.3290, 7.7258,  
-4.6735

■ 81.6430, 11.5150,  
-6.7029

■ 97.3140, 3.7892,  
-2.0294

■ 73.6580, 15.4516,  
-9.3471

■ 105.0000, 0.0000,  
0.0000

■ 65.9720, 19.2408,  
-11.3764

■ 112.9850, -3.9366,  
2.6442

■ 57.9870, 23.1774,  
-14.0206

■ 120.6710, -7.7258,  
4.6735

■ 50.3010, 26.9666,  
-16.0500

■ 128.6560,  
-11.6624, 7.3177

■ 42.3160, 30.9032,  
-18.6941

■ 136.3420,  
-15.4516, 9.3471

■ 34.3310, 34.8398,  
-21.3383


■ 144.3270,  
-19.3882, 11.9912

■ 26.6450, 38.6290,

■ 152.0130,

-23.3677

-23.1774, 14.0206

 159.9980,  
-27.1140, 16.6648

# Harmonies

## Analogous

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



87.9860, 7.8949, -12.2657



89.3290, 7.7258, -4.6735



90.2160, 5.8095, 3.3186

# Triad

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



89.3290, 7.7258, -4.6735



90.2960, -5.5689, 12.8954



87.1790, -1.5672, -10.6810

# Complementary

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



89.3290, 7.7258, -4.6735



99.6710, -7.7258, 4.6735

# 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.



87.8980, -5.3727, -3.4185



89.3290, 7.7258, -4.6735



89.7040, -7.7421, 9.9066

# Square

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



89.3290, 7.7258, -4.6735



90.9200, -1.9326, 13.2252



88.9590, -7.8678, 3.5440



86.2970, 2.8116, -15.1695



# Rectangle

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



89.3290, 7.7258, -4.6735



90.8530, 3.0305, 8.0219



88.9590, -7.8678, 3.5440



87.1470, -3.0305, -8.0219

# Sweetspot

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



89.3290, 7.7258, -4.6735



131.2000, 3.3524, -1.9294



98.1510, 0.9116, -12.4104



65.1570, 1.8946, -1.0147



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



89.3290, 7.7258, -4.6735



113.4580, 12.0992, -7.4177



87.8890, 8.4357, 0.9743



49.2710, 2.3314, -1.1147



29.7740, 43.0024, -26.1118



61.9760, 90.2308, -54.3530



# Inverse Universe

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



90.8490, -0.9116, 12.4104



115.7790, -1.3700, 19.4878



101.1110, -8.4357, -0.9743



49.9080, -0.4476, 3.5887



38.1750, -5.0163, 69.1295

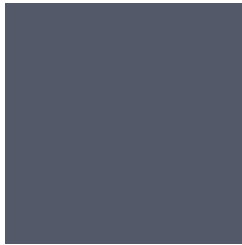


79.8670, -10.7804, 144.8216



# Previews

## White Background



This preview shows how the YUV color 89.3290, 7.7258, -4.6735 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 89.3290, 7.7258, -4.6735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

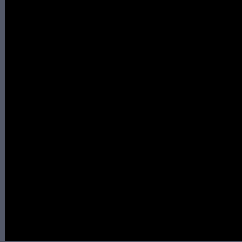
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

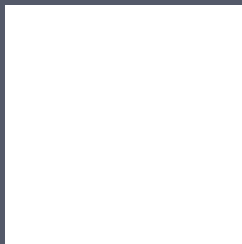
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YUV 89.3290, 7.7258, -4.6735**

## **Background**



This preview shows how black text looks on a background with the YUV color 89.3290, 7.7258, -4.6735.



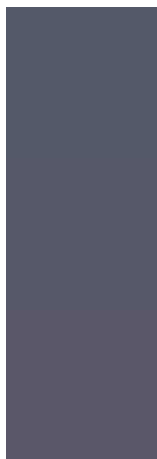
This preview shows how white text looks on a background with the YUV color 89.3290, 7.7258, -4.6735.

-4.6735.

# 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

89.3290, 7.7258, -4.6735

### Protanopia

89.3400, 7.7204, -2.9292

### Deuteranopia

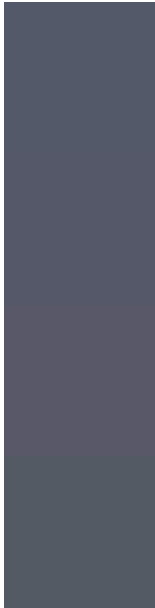
89.9490, 7.4201, 0.0447



## Tritanopia

88.7050, 4.0894, -5.0033

# Trichromacy



## Original Color

89.3290, 7.7258, -4.6735

## Protanomaly

89.0410, 7.8678, -3.5440

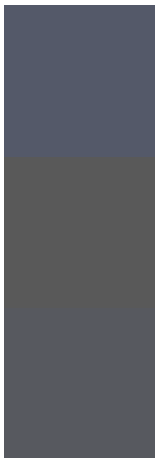
## Deuteranomaly

89.9380, 7.4256, -1.6996

## Tritanomaly

89.0470, 5.3998, -5.3032

# Monochromacy



## Original Color

89.3290, 7.7258, -4.6735

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

89.0860, 2.9156, -1.8294

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.3290, 7.7258, -4.6735 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(84, 89, 105)` looks like.

```
.text, #text, p{  
    color:rgb(84, 89, 105)  
}
```

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(84, 89, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 89, 105) }
```

## Border

The CSS property to change the border of an element to YUV 89.3290, 7.7258, -4.6735 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(84, 89, 105) }
```



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

```
.border{ border-color:rgb(84, 89, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 89, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 89, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 89, 105);  
box-shadow:4px 4px 4px 4px rgb(84, 89,  
105) }
```

# Background

The CSS property to change the background color of an element to YUV 89.3290, 7.7258, -4.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 89, 105) }
```

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

```
.background{ background-color: rgb(84, 89,  
105) }
```

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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