

# Converting Colors

YUV(127.3700, 15.5936,  
-8.2175)

Have a look what the booklet for  
YUV(127.3700, 15.5936, -8.2175)  
contains.

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# Color

**YUV(127.3700, 15.5936,  
-8.2175)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	767E9F
RGB	118, 126, 159
RGB Percent	46%, 49%, 62%
CMY	0.5373, 0.5059, 0.3765
CMYK	0.26, 0.21, 0.00, 0.38
HSL	228°, 18%, 54%
HSV	228°, 26%, 62%
XYZ	21.1901, 21.2765, 35.7908
YIQ	127.3700, -15.3610, 8.5670

# Conversions

## Conversions Part 2

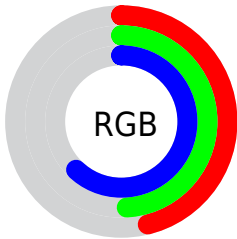
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 125, 159
Decimal	7765663
CIE Lab	53.25, 4.69, -18.63
CIE LCh	53, 19.210, 284.119
Yxy	21.2765, 0.2708, 0.2719
Android (android.graphics.Color)	4285955743 (0xFF767E9F)
YUV	127.3700, 15.5936, -8.2175
Hunter-Lab	46.1264, 1.2801, -13.7163

# Details

The YUV color **127.3700, 15.5936, -8.2175** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **149.6300, -15.5936, 8.2175**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5980, 16.4672, -8.4174**, and **78.0280, 14.2832, -7.9176** is the 20% darker color. If you saturate the color by 10%, you get **114.9550, 21.7142, -11.3615**, and if you desaturate by 10%, it is **139.7850, 9.4730, -5.0734**.

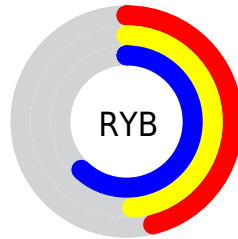
# Distribution



Red (46%)

Green (49%)

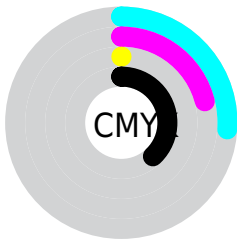
Blue (62%)



Red (46%)

Yellow (49%)

Blue (62%)

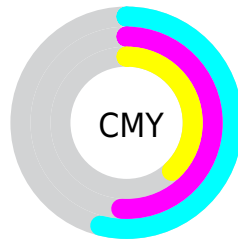


Cyan (26%)

Magenta (21%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (51%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.3700, 15.5936, -8.2175 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 127.3700, 15.5936, -8.2175 by changing the saturation by 10% instead.



■ 127.3700, 15.5936,  
-8.2175

■ 127.3700, 15.5936,  
-8.2175

255.0000, 0.0000,  
0.0000

■ 102.2560, 15.1568,  
-8.1175

■ 180.5980, 16.4672,  
-8.4174

■ 78.0280, 14.2832,  
-7.9176

■ 207.7120, 16.9040,  
-8.5174

■ 55.2020, 13.7044,  
-8.9472

■ 234.3010, 10.2046,  
-6.4030

■ 32.7890, 13.4150,  
-9.4620

■ 10.2020, 13.7044,  
-8.9472

■ 2.4110, 6.6994,  
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 127.3700, 15.5936,  
-8.2175

■ 127.3700, 15.5936,  
-8.2175

■ 114.9550, 21.7142,  
-11.3615

■ 139.7850, 9.4730,  
-5.0734

■ 102.5400, 27.8348,  
-14.5056

■ 152.2000, 3.3524,  
-1.9294

■ 90.7120, 33.6660,  
-18.1644

■ 164.0280, -2.4788,  
1.7294

■ 78.2970, 39.7866,  
-21.3085

■ 176.4430, -8.5994,  
4.8735

■ 66.1810, 45.7598,  
-23.8377

■ 188.8580,  
-14.7200, 8.0175

■ 53.7660, 51.8804,  
-26.9818

■ 200.9740,  
-20.6932, 10.5468

■ 41.3510, 58.0010,  
-30.1258

■ 213.3890,  
-26.8138, 13.6908

■ 36.3230, 60.4798,  
-31.8553

■ 225.2170,  
-32.6450, 17.3497

■ 235.8380,  
-37.8811, 16.8051

# Harmonies

## Analogous

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



123.7270, 17.3896, -24.3166



127.3700, 15.5936, -8.2175



129.2150, 10.7400, 8.5814

# Triad

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



127.3700, 15.5936, -8.2175



128.4780, -11.5747, 25.8908



121.3900, -1.6713, -24.0210

# Complementary

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



127.3700, 15.5936, -8.2175



149.6300, -15.5936, 8.2175

# 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.



123.6000, -10.1558, -9.2962



127.3700, 15.5936, -8.2175



127.0980, -15.3313, 17.4541

# Square

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



127.3700, 15.5936, -8.2175



129.3240, -4.5967, 27.7799



125.7220, -15.1459, 4.6288



120.3270, 7.2338, -33.6128



# Rectangle

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



127.3700, 15.5936, -8.2175



130.0160, 5.9081, 18.4030



125.7220, -15.1459, 4.6288



121.9130, -4.8871, -19.2177

# Sweetspot

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



127.3700, 15.5936, -8.2175



193.6990, 6.5574, -3.2440



145.8290, 2.5493, -24.4060



96.4280, 4.2260, -2.1294



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



127.3700, 15.5936, -8.2175



157.3400, 24.4824, -12.5762



126.2620, 16.1398, 3.2782



73.0860, 2.9156, -1.8294



32.7380, 54.3592, -28.7112



3.4710, 5.6838, -3.0441



# Inverse Universe

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



131.1710, -2.5493, 24.4060



163.5040, -4.1925, 38.1460



150.7380, -16.1398, -3.2782



73.6200, -0.3057, 4.7183



45.9490, -8.8489, 85.1137



4.8270, -0.9007, 8.9217



# Previews

## White Background



This preview shows how the YUV color 127.3700, 15.5936, -8.2175 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

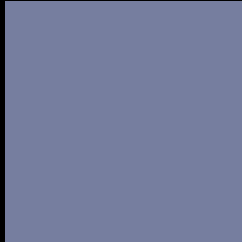
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 127.3700, 15.5936, -8.2175 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

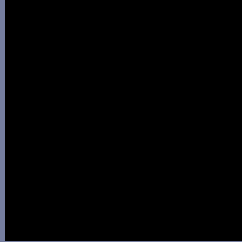
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 127.3700, 15.5936, -8.2175

## Background



This preview shows how black text looks on a background with the YUV color 127.3700, 15.5936, -8.2175.



This preview shows how white text looks on a background with the YUV color 127.3700, 15.5936, -8.2175.

-8.2175.

# 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

127.3700, 15.5936, -8.2175

### Protanopia

127.6690, 15.4462, -7.6027

### Deuteranopia

128.2780, 15.1459, -4.6288



## Tritanopia

125.7690, 7.0159, -10.3214

# Trichromacy



## Original Color

127.3700, 15.5936, -8.2175

## Protanomaly

127.6690, 15.4462, -7.6027

## Deuteranomaly

127.6800, 15.4408, -5.8584

## Tritanomaly

126.2790, 10.2155, -9.8917

# Monochromacy



## Original Color

127.3700, 15.5936, -8.2175

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.4710, 5.6838, -3.0441

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.3700, 15.5936, -8.2175 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(118, 126, 159)` looks like.

```
.text, #text, p{  
    color:rgb(118, 126, 159)  
}
```

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(118, 126, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 126, 159) }
```

## Border

The CSS property to change the border of an element to YUV 127.3700, 15.5936, -8.2175 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(118, 126, 159) }
```



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

```
.border{ border-color:rgb(118, 126, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 126, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 126, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 126, 159);  
box-shadow:4px 4px 4px 4px rgb(118, 126,  
159) }
```

# Background

The CSS property to change the background color of an element to YUV 127.3700, 15.5936, -8.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 126, 159) }
```

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

```
.background{ background-color: rgb(118,  
126, 159) }
```

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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