

# Converting Colors

YUV(107.6060, 14.4912,  
18.7625)

Have a look what the booklet for  
YUV(107.6060, 14.4912, 18.7625)  
contains.

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# Color

**YUV(107.6060, 14.4912,  
18.7625)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	815B89
RGB	129, 91, 137
RGB Percent	51%, 36%, 54%
CMY	0.4941, 0.6431, 0.4627
CMYK	0.06, 0.34, 0.00, 0.46
HSL	290°, 20%, 45%
HSV	290°, 34%, 54%
XYZ	17.3097, 13.9554, 25.4483
YIQ	107.6060, 7.8820, 22.3620

# Conversions

## Conversions Part 2

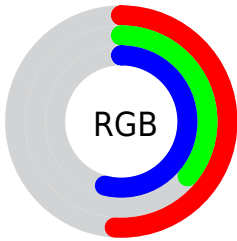
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	129, 91, 137
Decimal	8477577
CIE Lab	44.17, 24.06, -19.46
CIE LCh	44, 30.946, 321.044
Yxy	13.9554, 0.3052, 0.2461
Android (android.graphics.Color)	4286667657 (0xFF815B89)
YUV	107.6060, 14.4912, 18.7625
Hunter-Lab	37.3570, 17.3349, -14.2395

# Details

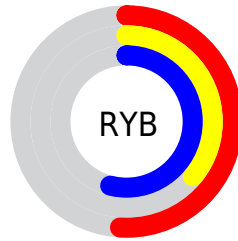
The YUV color **107.6060, 14.4912, 18.7625** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **120.3940, -14.4912, -18.7625**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8450, 15.3594, 20.3069**, and **59.3670, 13.6231, 17.2181** is the 20% darker color. If you saturate the color by 10%, you get **98.7900, 18.8375, 24.7402**, and if you desaturate by 10%, it is **116.4220, 10.1450, 12.7849**.

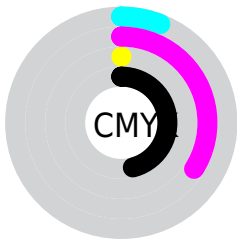
# Distribution



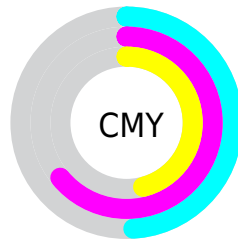
- Red (51%)
- Green (36%)
- Blue (54%)



- Red (51%)
- Yellow (36%)
- Blue (54%)



- Cyan (6%)
- Magenta (34%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (64%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 107.6060, 14.4912, 18.7625 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 107.6060, 14.4912, 18.7625 by changing the saturation by 10% instead.



■ 107.6060, 14.4912,  
18.7625

■ 107.6060, 14.4912,  
18.7625

■ 255.0000, 0.0000,  
0.0000

■ 82.8940, 14.3493,  
17.6330

■ 159.8450, 15.3594,  
20.3069

■ 59.3670, 13.6231,  
17.2181

■ 186.2580, 15.6488,  
20.8217

■ 36.5410, 13.0443,  
16.1885

■ 214.6710, 15.9382,  
21.3365

■ 14.8400, 12.8969,  
16.8033

■ 236.8030, 8.9711,  
15.9588

■ 2.8670, 8.4466,  
-2.5144

■ 253.8260, 0.5788,  
1.0296

■ 0.0000, 0.0000,  
0.0000

107.6060, 14.4912,  
18.7625

107.6060, 14.4912,  
18.7625

98.7900, 18.8375,  
24.7402

116.4220, 10.1450,  
12.7849

90.2620, 23.0418,  
29.5882

124.9500, 5.9407,  
7.9369

81.4460, 27.3881,  
35.5659

133.7660, 1.5944,  
1.9592

72.3310, 31.8818,  
40.9287

142.8810, -2.8993,  
-3.4036

63.5150, 36.2281,  
46.9063

151.6970, -7.2456,  
-9.3813

55.2860, 40.2850,  
52.3692


159.9260,  
-11.3025, -14.8441

49.4050, 43.1843,  
55.7728

169.0410,  
-15.7962, -20.2070

177.8570,

-20.1425, -26.1846

 186.0860,  
-24.1994, -31.6474

# Harmonies

## Analogous

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



105.0200, 23.1611, -8.7875



107.6060, 14.4912, 18.7625



106.7410, 3.0857, 37.0611

# Triad

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



107.6060, 14.4912, 18.7625



102.7150, -24.5095, 21.2979



83.1740, 19.1412, -72.9436

# Complementary

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



107.6060, 14.4912, 18.7625



120.3940, -14.4912, -18.7625

# 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.



89.4900, 3.2094, -49.5417



107.6060, 14.4912, 18.7625



100.7510, -22.5552, 1.0954

# Square

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



107.6060, 14.4912, 18.7625



104.1820, -19.3167, 35.7974



96.8390, -12.7386, -20.9068



83.9210, 29.6189, -73.5987



# Rectangle

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



107.6060, 14.4912, 18.7625



106.2980, -5.0769, 41.8347



96.8390, -12.7386, -20.9068



82.1480, 15.2100, -72.0438

# Sweetspot

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



107.6060, 14.4912, 18.7625



167.2380, 5.7987, 6.8073



100.9400, 17.7776, -8.7174



82.5320, 3.1887, 3.9184



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



107.6060, 14.4912, 18.7625



132.8490, 22.7524, 29.0734



108.2880, 6.7600, 25.1804



64.5920, 2.1731, 2.9888



48.0520, 41.8794, 54.3284



1.7660, 1.5944, 1.9592



# Inverse Universe

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



105.6660, -3.2863, 27.4799



130.0100, -4.9349, 42.9642



119.7120, -6.7600, -25.1804



64.2070, -0.5951, 4.2035



42.3890, -9.5588, 79.4658



1.6090, -0.3002, 2.9739



# Previews

## White Background



This preview shows how the YUV color 107.6060, 14.4912, 18.7625 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 107.6060, 14.4912, 18.7625 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 107.6060, 14.4912, 18.7625

## Background



This preview shows how black text looks on a background with the YUV color 107.6060, 14.4912, 18.7625.



This preview shows how white text looks on a background with the YUV color 107.6060, 14.4912,



# 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

107.6060, 14.4912, 18.7625

### Protanopia

104.6130, 20.4038, -11.0616

### Deuteranopia

105.4520, 14.5672, -5.6584



## Tritanopia

105.9850, -0.4856, 15.7992

# Trichromacy



## Original Color

107.6060, 14.4912, 18.7625

## Protanomaly

105.8100, 18.3347, -0.7104

## Deuteranomaly

106.5070, 14.5400, 3.0634

## Tritanomaly

106.7770, 5.0399, 16.8586

# Monochromacy



## Original Color

107.6060, 14.4912, 18.7625

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

108.1240, 5.3619, 6.9073

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.6060, 14.4912, 18.7625 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(129, 91, 137)` looks like.

```
.text, #text, p{  
    color:rgb(129, 91, 137)  
}
```

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(129, 91, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 91, 137) }
```

## Border

The CSS property to change the border of an element to YUV 107.6060, 14.4912, 18.7625 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(129, 91, 137) }
```



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

```
.border{ border-color:rgb(129, 91, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 91, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 91, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 91, 137);  
box-shadow:4px 4px 4px 4px rgb(129, 91,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 107.6060, 14.4912, 18.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 91, 137) }
```

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

```
.background{ background-color: rgb(129, 91,  
137) }
```

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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