

# Converting Colors

YUV(105.0990, -0.0488,  
15.6992)

Have a look what the booklet for  
YUV(105.0990, -0.0488, 15.6992)  
contains.

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# Color

**YUV(105.0990, -0.0488,  
15.6992)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B6069
RGB	123, 96, 105
RGB Percent	48%, 38%, 41%
CMY	0.5176, 0.6235, 0.5882
CMYK	0.00, 0.22, 0.15, 0.52
HSL	340°, 12%, 43%
HSV	340°, 22%, 48%
XYZ	14.9011, 13.5966, 15.2036
YIQ	105.0990, 13.2030, 8.5230

# Conversions

## Conversions Part 2

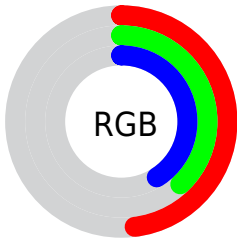
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 96, 105
Decimal	8085609
CIE Lab	43.65, 12.50, -0.92
CIE LCh	44, 12.533, 355.807
Yxy	13.5966, 0.3410, 0.3111
Android (android.graphics.Color)	4286275689 (0xFF7B6069)
YUV	105.0990, -0.0488, 15.6992
Hunter-Lab	36.8736, 7.6052, 1.3652

# Details

The YUV color **105.0990, -0.0488, 15.6992** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.9010, 0.0488, -15.6992**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6970, -0.3436, 16.9287**, and **58.0880, -0.0434, 13.9548** is the 20% darker color. If you saturate the color by 10%, you get **97.1430, -0.0705, 22.6766**, and if you desaturate by 10%, it is **113.0550, -0.0271, 8.7218**.

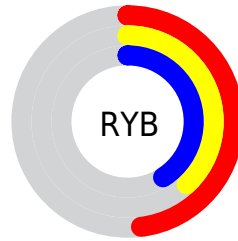
# Distribution



Red (48%)

Green (38%)

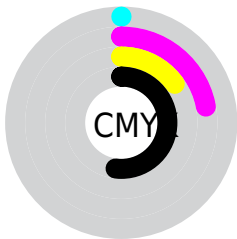
Blue (41%)



Red (48%)

Yellow (38%)

Blue (41%)

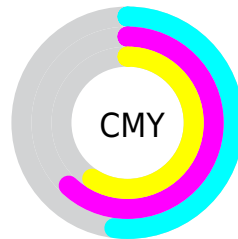


Cyan (0%)

Magenta (22%)

Yellow (15%)

Black (52%)



Cyan (52%)

Magenta (62%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 105.0990, -0.0488, 15.6992 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 105.0990, -0.0488, 15.6992 by changing the saturation by 10% instead.



■ 105.0990, -0.0488,  
15.6992

■ 105.0990, -0.0488,  
15.6992

■ 255.0000, 0.0000,  
0.0000

■ 80.8000, 0.0986,  
15.0844

■ 156.6970, -0.3436,  
16.9287

■ 58.0880, -0.0434,  
13.9548

■ 183.1100, -0.0542,  
17.4435

■ 35.7890, 0.1040,  
13.3400

■ 211.4090, -0.2016,  
18.0583

■ 13.3270, 0.8248,  
15.4992

■ 237.9140, 0.5354,  
14.9844

■ 0.0000, 0.0000,  
0.0000

■ 105.0990, -0.0488,

■ 105.0990, -0.0488,

15.6992

15.6992

■ 97.1430, -0.0705,  
22.6766

■ 113.0550, -0.0271,  
8.7218

■ 88.6000, 0.1972,  
30.1688

■ 121.5980, -0.2948,  
1.2296

■ 80.5300, -0.2613,  
37.2462

■ 129.6680, 0.1637,  
-5.8478

■ 72.5740, -0.2830,  
44.2236

■ 137.6240, 0.1854,  
-12.8252

■ 64.6180, -0.3047,  
51.2010

■ 146.1670, -0.0823,  
-20.3175

■ 56.0750, -0.0370,  
58.6932

■ 154.1230, -0.0606,  
-27.2949

■ 48.1190, -0.0587,  
65.6706

■ 162.0790, -0.0389,  
-34.2723

■ 41.4510, -0.2223,  
71.5185

■ 170.1490, 0.4195,  
-41.3497

■ 178.6920, 0.1518,  
-48.8419

# Harmonies

## Analogous

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



105.0210, 4.9196, 8.7516



105.0990, -0.0488, 15.6992



104.5570, -4.7116, 17.9285

# Triad

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



105.0990, -0.0488, 15.6992



101.7090, -8.7305, 0.2552



100.1100, 9.8058, -18.5135

# Complementary

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



105.0990, -0.0488, 15.6992



113.9010, 0.0488, -15.6992

# 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.



99.1760, 6.3222, -21.2024



105.0990, -0.0488, 15.6992



100.6800, -4.7722, -9.3664

# Square

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



105.0990, -0.0488, 15.6992



103.1230, -9.9206, 8.6621



99.4170, 0.7804, -17.0287



102.0940, 10.7997, -10.6064



# Rectangle

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



105.0990, -0.0488, 15.6992



104.4490, -7.6164, 16.2692



99.4170, 0.7804, -17.0287



99.8710, 8.9376, -20.0579

# Sweetspot

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



105.0990, -0.0488, 15.6992



153.0440, -0.0217, 6.9774



104.4600, 9.1402, 8.3666



77.3210, -0.1583, 4.1035



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



105.0990, -0.0488, 15.6992



133.1540, -0.0759, 24.4209



107.0080, -5.4269, 14.0250



57.0220, -0.0108, 3.4887



42.1630, -0.0804, 72.6480



84.9240, -0.4555, 146.5257



# Inverse Universe

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



105.0990, -0.0488, 15.6992



133.1540, -0.0759, 24.4209



112.5790, 5.1376, -14.5398



57.0220, -0.0108, 3.4887



42.1630, -0.0804, 72.6480

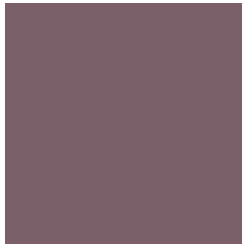


84.9240, -0.4555, 146.5257



# Previews

## White Background



This preview shows how the YUV color 105.0990, -0.0488, 15.6992 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 105.0990, -0.0488, 15.6992 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 105.0990, -0.0488, 15.6992

## Background



This preview shows how black text looks on a background with the YUV color 105.0990, -0.0488, 15.6992.



This preview shows how white text looks on a background with the YUV color 105.0990, -0.0488,



# 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

105.0990, -0.0488, 15.6992

### Protanopia

103.9830, 2.4734, 0.0149

### Deuteranopia

104.3430, -0.1691, 7.5922



## Tritanopia

104.9850, -0.4856, 15.7992

# Trichromacy



## Original Color

105.0990, -0.0488, 15.6992

## Protanomaly

104.2010, 1.8729, 5.9627

## Deuteranomaly

104.9520, -0.4693, 10.5661

## Tritanomaly

104.9850, -0.4856, 15.7992

# Monochromacy



## Original Color

105.0990, -0.0488, 15.6992

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

105.3320, -0.1637, 5.8478

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 105.0990, -0.0488, 15.6992 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(123, 96, 105)` looks like.

```
.text, #text, p{  
    color:rgb(123, 96, 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(123, 96, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 96, 105) }
```

## Border

The CSS property to change the border of an element to YUV 105.0990, -0.0488, 15.6992 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(123, 96, 105) }
```



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

```
.border{ border-color:rgb(123, 96, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 96, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 96, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 96, 105);  
box-shadow:4px 4px 4px 4px rgb(123, 96,  
105) }
```

# Background

The CSS property to change the background color of an element to YUV 105.0990, -0.0488, 15.6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 96, 105) }
```

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

```
.background{ background-color: rgb(123, 96,  
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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