

# Converting Colors

YUV(89.9810, 5.4324, -15.7693)

Have a look what the booklet for  
YUV(89.9810, 5.4324, -15.7693)  
contains.

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# Color

**YUV(89.9810, 5.4324,  
-15.7693)**

# Conversions

## Conversions Part 1

Format	Color
Hex	486165
RGB	72, 97, 101
RGB Percent	28%, 38%, 40%
CMY	0.7176, 0.6196, 0.6039
CMYK	0.29, 0.04, 0.00, 0.60
HSL	188°, 17%, 34%
HSV	188°, 29%, 40%
XYZ	9.2961, 10.8667, 13.9194
YIQ	89.9810, -16.1840, -4.0560

# Conversions

## Conversions Part 2

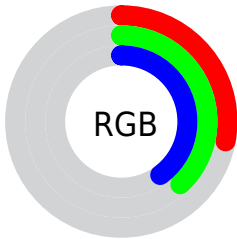
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 85, 101
Decimal	4743525
CIE Lab	39.36, -8.23, -5.31
CIE LCh	39, 9.795, 212.838
Yxy	10.8667, 0.2728, 0.3188
Android (android.graphics.Color)	4282933605 (0xFF486165)
YUV	89.9810, 5.4324, -15.7693
Hunter-Lab	32.9647, -7.3506, -1.9601

# Details

The YUV color **89.9810, 5.4324, -15.7693** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **83.0190, -5.4324, 15.7693**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3830, 5.7272, -16.9989**, and **43.8670, 4.9956, -15.6694** is the 20% darker color. If you saturate the color by 10%, you get **86.4040, 7.1958, -21.4023**, and if you desaturate by 10%, it is **93.5580, 3.6689, -10.1364**.

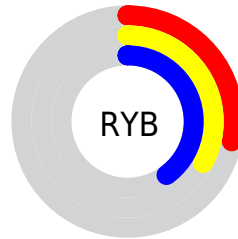
# Distribution



 Red (28%)

 Green (38%)

 Blue (40%)



 Red (28%)

 Yellow (33%)

 Blue (40%)

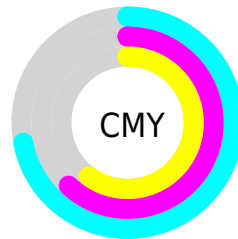


 Cyan (29%)

 Magenta (4%)

 Yellow (0%)

 Black (60%)



 Cyan (72%)

 Magenta (62%)

 Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.9810, 5.4324, -15.7693 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 89.9810, 5.4324, -15.7693 by changing the saturation by 10% instead.



89.9810, 5.4324,  
-15.7693

89.9810, 5.4324,  
-15.7693

255.0000, 0.0000,  
0.0000

66.2800, 5.2850,  
-15.1546

140.3830, 5.7272,  
-16.9989

43.8670, 4.9956,  
-15.6694

166.4970, 6.1640,  
-17.0989

22.5680, 5.1430,  
-16.2841

194.0840, 5.8746,  
-17.6137

1.1400, 4.3680,  
-0.9998

222.0840, 5.8746,  
-17.6137

0.0000, 0.0000,  
0.0000

247.5250, 3.6852,  
-15.3694

■ 89.9810, 5.4324,  
-15.7693

■ 89.9810, 5.4324,  
-15.7693

■ 86.4040, 7.1958,  
-21.4023

■ 93.5580, 3.6689,  
-10.1364

■ 82.2400, 9.2487,  
-26.5205

■ 97.7220, 1.6161,  
-5.0182

■ 78.6630, 11.0121,  
-32.1535

■ 101.2990, -0.1474,  
0.6148

■ 74.4990, 13.0650,  
-37.2716

■ 105.4630, -2.2003,  
5.7329

■ 70.9220, 14.8285,  
-42.9046

■ 109.3390, -4.1111,  
11.9807

■ 67.0460, 16.7393,  
-49.1523

■ 112.9160, -5.8746,  
17.6137

■ 62.8820, 18.7922,  
-54.2705

■ 117.0800, -7.9274,  
22.7318

■ 62.5830, 18.9396,

■ 120.6570, -9.6909,

-54.8853

28.3648

■ 124.8210,  
-11.7438, 33.4830

# Harmonies

## Analogous

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



89.6670, 1.6432, -13.7400



89.9810, 5.4324, -15.7693



90.6870, 8.0423, -12.8805

# Triad

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



89.9810, 5.4324, -15.7693



94.1520, 2.8831, 8.6367



92.0840, -7.4364, 5.1883

# Complementary

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



89.9810, 5.4324, -15.7693



83.0190, -5.4324, 15.7693

# 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.



93.2310, -7.0159, 10.3214



89.9810, 5.4324, -15.7693



94.1480, -1.0590, 13.0252

# Square

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



89.9810, 5.4324, -15.7693



93.3190, 6.2517, 1.4742



93.8230, -4.8427, 13.3102



91.3820, -6.1043, -2.0890



# Rectangle

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



89.9810, 5.4324, -15.7693



92.0080, 7.8841, -8.7770



93.8230, -4.8427, 13.3102



92.3940, -7.5892, 7.5475

# Sweetspot

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



89.9810, 5.4324, -15.7693



125.2380, 2.3477, -6.3477



89.4790, -6.6451, -15.3291



63.3200, 1.3212, -3.7886



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000



# Same Dimension

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



89.9810, 5.4324, -15.7693



113.3220, 8.2223, -23.9614



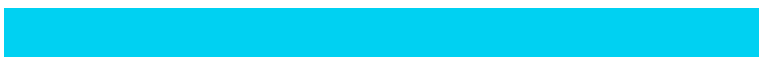
81.7630, 9.4838, -8.5622



48.9180, 1.0264, -2.5591



71.2230, 21.5821, -62.4626



150.2710, 45.2224, -131.7877



# Inverse Universe

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



83.5210, 6.6451, 15.3291



103.4880, 10.1124, 23.2510



91.2370, -9.4838, 8.5622



47.9510, 1.0102, 2.6740



45.6710, 26.2912, 60.8015



96.1840, 55.6183, 127.8806



# Previews

## White Background



This preview shows how the YUV color 89.9810, 5.4324, -15.7693 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 89.9810, 5.4324, -15.7693 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

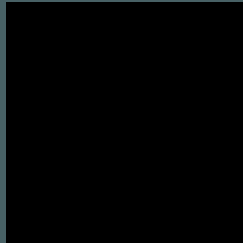
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 89.9810, 5.4324, -15.7693**

## **Background**



This preview shows how black text looks on a background with the YUV color 89.9810, 5.4324, -15.7693.



This preview shows how white text looks on a background with the YUV color 89.9810, 5.4324, -15.7693.

-15.7693.

# 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

89.9810, 5.4324, -15.7693

### Protanopia

92.6840, 2.6208, -0.5999

### Deuteranopia

93.4610, 4.2097, 3.1037



## Tritanopia

90.0350, 6.8847, -14.9397

# Trichromacy



## Original Color

89.9810, 5.4324, -15.7693

## Protanomaly

91.8790, 3.5107, -6.0329

## Deuteranomaly

92.5310, 4.6682, -3.9737

## Tritanomaly

89.9210, 6.4479, -14.8397

# Monochromacy



## Original Color

89.9810, 5.4324, -15.7693

## Achromatopsia

90.0000, 0.0000, 0.0000

## Achromatomaly

90.1240, 1.9109, -6.2477

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.9810, 5.4324, -15.7693 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(72, 97, 101)` looks like.

```
.text, #text, p{  
    color:rgb(72, 97, 101)  
}
```

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(72, 97, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 97, 101) }
```

## Border

The CSS property to change the border of an element to YUV 89.9810, 5.4324, -15.7693 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(72, 97, 101) }
```



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

```
.border{ border-color:rgb(72, 97, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 97, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 97, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 97, 101);  
box-shadow:4px 4px 4px 4px rgb(72, 97,  
101) }
```

# Background

The CSS property to change the background color of an element to YUV 89.9810, 5.4324, -15.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 97, 101) }
```

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

```
.background{ background-color: rgb(72, 97,  
101) }
```

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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