

# Converting Colors

YUV(95.3740, -0.6774, -16.1140)

Have a look what the booklet for  
YUV(95.3740, -0.6774, -16.1140)  
contains.

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# Color

**YUV(95.3740, -0.6774,  
-16.1140)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D695E
RGB	77, 105, 94
RGB Percent	30%, 41%, 37%
CMY	0.6980, 0.5882, 0.6314
CMYK	0.27, 0.00, 0.10, 0.59
HSL	156°, 15%, 36%
HSV	156°, 27%, 41%
XYZ	10.1325, 12.4891, 12.4663
YIQ	95.3740, -13.1570, -9.3570

# Conversions

## Conversions Part 2

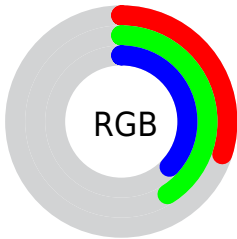
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 94, 105
Decimal	5073246
CIE <sub>Lab</sub>	41.98, -12.85, 2.86
CIE <sub>LCh</sub>	42, 13.160, 167.469
Yxy	12.4891, 0.2888, 0.3559
Android (android.graphics.Color)	4283263326 (0xFF4D695E)
YUV	95.3740, -0.6774, -16.1140
Hunter-Lab	35.3399, -10.6660, 3.8232

# Details

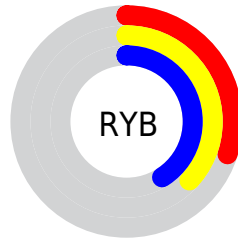
The YUV color **95.3740, -0.6774, -16.1140** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.6260, 0.6774, 16.1140**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9610, -0.9668, -16.6288**, and **48.7870, -0.3880, -15.5992** is the 20% darker color. If you saturate the color by 10%, you get **91.6290, -0.8031, -22.4766**, and if you desaturate by 10%, it is **98.8200, -0.4043, -10.3661**.

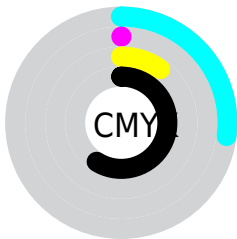
# Distribution



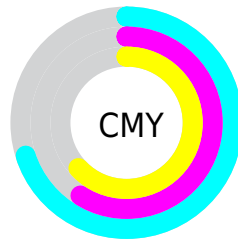
- Red (30%)
- Green (41%)
- Blue (37%)



- Red (30%)
- Yellow (37%)
- Blue (41%)



- Cyan (27%)
- Magenta (0%)
- Yellow (10%)
- Black (59%)



- Cyan (70%)
- Magenta (59%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 95.3740, -0.6774, -16.1140 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 95.3740, -0.6774, -16.1140 by changing the saturation by 10% instead.



■ 95.3740, -0.6774,  
-16.1140

■ 95.3740, -0.6774,  
-16.1140

■ 255.0000, 0.0000,  
0.0000

■ 71.6730, -0.8248,  
-15.4992

■ 145.9610, -0.9668,  
-16.6288

■ 48.7870, -0.3880,  
-15.5992

■ 172.6620, -0.8194,  
-17.2436

■ 27.2000, -0.0986,  
-15.0844

■ 200.2490, -1.1088,  
-17.7584

■ 7.6310, -3.7621,  
-6.6924

■ 227.9500, -0.9613,  
-18.3731

■ 0.0000, 0.0000,  
0.0000

■ 249.3190, 2.8007,  
-11.6808

■ 95.3740, -0.6774,  
-16.1140

■ 95.3740, -0.6774,  
-16.1140

■ 91.6290, -0.8031,  
-22.4766

■ 98.8200, -0.4043,  
-10.3661

■ 88.1830, -1.0762,  
-28.2245

■ 102.5650, -0.2785,  
-4.0035

■ 84.4380, -1.2019,  
-34.5871

■ 106.0110, -0.0054,  
1.7444

■ 80.9920, -1.4751,  
-40.3350

■ 109.8700, 0.5571,  
8.0070

■ 77.1330, -2.0376,  
-46.5976

■ 113.6150, 0.6828,  
14.3696

■ 73.6870, -2.3107,  
-52.3455

■ 117.0610, 0.9559,  
20.1175

■ 69.9420, -2.4364,  
-58.7081

■ 120.8060, 1.0816,  
26.4801

■ 68.9310, -2.4310,

■ 124.2520, 1.3548,

-60.4525

32.2280

■ 127.6980, 1.6279,  
37.9759

# Harmonies

## Analogous

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



96.3490, -6.0881, -7.3221



95.3740, -0.6774, -16.1140



94.5350, 5.1592, -21.5172

# Triad

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



95.3740, -0.6774, -16.1140



99.6110, 10.0518, -4.0438



99.7480, -7.7638, 16.8840

# Complementary

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



95.3740, -0.6774, -16.1140



86.6260, 0.6774, 16.1140

# 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.



101.0840, -3.9854, 18.3433



95.3740, -0.6774, -16.1140



100.7650, 6.5249, 7.2221

# Square

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



95.3740, -0.6774, -16.1140



97.1860, 11.2473, -14.1951



101.1420, 1.4090, 14.7845



99.3190, -10.5103, 11.1212



# Rectangle

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



95.3740, -0.6774, -16.1140



95.3330, 8.2168, -22.2170



101.1420, 1.4090, 14.7845



100.5740, -7.1850, 17.9136

# Sweetspot

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



95.3740, -0.6774, -16.1140



134.1410, -0.5625, -6.2627



96.7250, -9.7244, -7.6518



66.5650, -0.2785, -4.0035



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.



95.3740, -0.6774, -16.1140



122.7920, -1.3765, -25.2506



94.8670, 4.9956, -15.6694



51.8640, -0.4260, -3.3887



76.7730, -2.8461, -67.3299



160.8010, -5.8179, -141.0225



# Inverse Universe

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



86.6260, 0.6774, 16.1140



109.0940, 0.9397, 25.3506



87.1330, -4.9956, 15.6694



50.0220, -0.0108, 3.4887



40.2270, 2.8461, 67.3299



84.1990, 5.8179, 141.0225



# Previews

## White Background



This preview shows how the YUV color 95.3740, -0.6774, -16.1140 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 95.3740, -0.6774, -16.1140 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

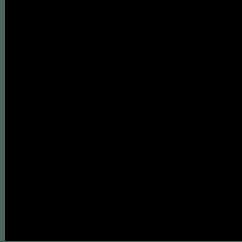
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 95.3740, -0.6774, -16.1140

## Background



This preview shows how black text looks on a background with the YUV color 95.3740, -0.6774, -16.1140.



This preview shows how white text looks on a background with the YUV color 95.3740, -0.6774,

-16.1140.

# 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

95.3740, -0.6774, -16.1140

### Protanopia

98.2840, -4.0840, 3.2589

### Deuteranopia

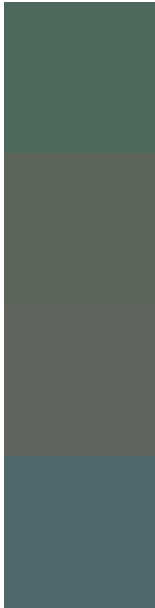
99.8870, -1.9163, 7.9921



## Tritanopia

97.0350, 6.8847, -14.9397

# Trichromacy



## Original Color

95.3740, -0.6774, -16.1140

## Protanomaly

97.4680, -3.1887, -3.9184

## Deuteranomaly

97.9460, -1.4524, -0.8296

## Tritanomaly

96.6390, 4.1220, -15.4694

# Monochromacy



## Original Color

95.3740, -0.6774, -16.1140

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

95.2550, -0.1257, -6.3626

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.3740, -0.6774, -16.1140 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(77, 105, 94)` looks like.

```
.text, #text, p{  
    color:rgb(77, 105, 94)  
}
```

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(77, 105, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 105, 94) }
```

## Border

The CSS property to change the border of an element to YUV 95.3740, -0.6774, -16.1140 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(77, 105, 94) }
```



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

```
.border{ border-color:rgb(77, 105, 94) }
```

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

Here you see how a box with a 4 pixel rgb(77, 105, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 105, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 105, 94);  
box-shadow:4px 4px 4px 4px rgb(77, 105,  
94) }
```

# Background

The CSS property to change the background color of an element to YUV 95.3740, -0.6774, -16.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 105, 94) }
```

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

```
.background{ background-color: rgb(77, 105,  
94) }
```

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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