

# Converting Colors

YUV(89.6660, -0.3283, -34.7871)

Have a look what the booklet for  
YUV(89.6660, -0.3283, -34.7871)  
contains.

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# Color

**YUV(89.6660, -0.3283,  
-34.7871)**

# Conversions

## Conversions Part 1

Format	Color
Hex	326E59
RGB	50, 110, 89
RGB Percent	20%, 43%, 35%
CMY	0.8039, 0.5686, 0.6510
CMYK	0.55, 0.00, 0.19, 0.57
HSL	159°, 38%, 31%
HSV	159°, 55%, 43%
XYZ	8.6945, 12.5512, 11.4156
YIQ	89.6660, -29.0190, -19.2510

# Conversions

## Conversions Part 2

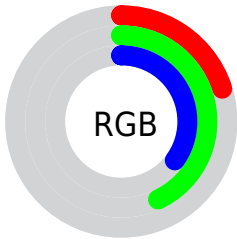
Format	Color
<b>RYB</b>	50, 86, 110
Decimal	3305049
CIELab	42.08, -25.05, 5.83
CIElCh	42, 25.722, 166.901
Yxy	12.5512, 0.2662, 0.3843
Android (android.graphics.Color)	4281495129 (0xFF326E59)
YUV	89.6660, -0.3283, -34.7871
Hunter-Lab	35.4277, -18.1920, 5.6949




# Details

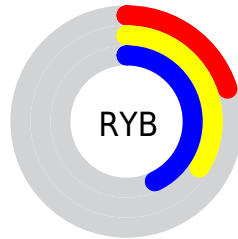
The YUV color **89.6660, -0.3283, -34.7871** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **70.3340, 0.3283, 34.7871**, and the grayscale version is **90.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **141.1390, -1.0545, -35.2019**, and **41.4100, 1.2769, -36.3166** is the 20% darker color. If you saturate the color by 10%, you get **85.9210, -0.4541, -41.1497**, and if you desaturate by 10%, it is **93.4110, -0.2026, -28.4244**.

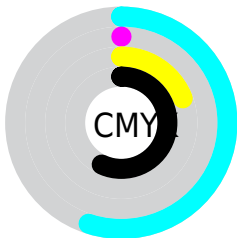
# Distribution







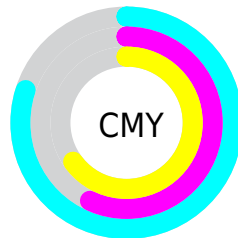
-  Red (20%)
-  Green (43%)
-  Blue (35%)






-  Red (20%)
-  Yellow (34%)
-  Blue (43%)



-  Cyan (55%)
-  Magenta (0%)
-  Yellow (19%)
-  Black (57%)



-  Cyan (80%)
-  Magenta (57%)
-  Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.6660, -0.3283, -34.7871 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 89.6660, -0.3283, -34.7871 by changing the saturation by 10% instead.



■ 89.6660, -0.3283,  
-34.7871

■ 89.6660, -0.3283,  
-34.7871

■ 255.0000, 0.0000,  
0.0000

■ 64.2960, 0.8401,  
-36.2166

■ 141.1390, -1.0545,  
-35.2019

■ 41.4100, 1.2769,  
-36.3166

■ 168.0250, -1.4913,  
-35.1019

■ 25.5150, -1.2399,  
-22.3767

■ 195.6120, -1.7807,  
-35.6167

■ 8.2180, -4.0515,  
-7.2072

■ 223.9000, -1.9227,  
-36.7463

■ 0.0000, 0.0000,  
0.0000

■ 240.8610, 4.0125,  
-27.0651

■ 250.2160, 2.3585,

-9.8364

■ 89.6660, -0.3283,  
-34.7871

■ 89.6660, -0.3283,  
-34.7871

■ 85.9210, -0.4541,  
-41.1497

■ 93.4110, -0.2026,  
-28.4244

■ 82.1760, -0.5798,  
-47.5124

■ 97.1560, -0.0769,  
-22.0618

■ 78.4310, -0.7055,  
-53.8750

■ 100.9010, 0.0488,  
-15.6992

■ 74.8000, -0.3944,  
-60.3376

■ 104.5320, -0.2623,  
-9.2366

■ 72.7780, -0.3836,  
-63.8263

■ 108.2770, -0.1366,  
-2.8739

■ 112.0220, -0.0108,  
3.4887

■ 115.7670, 0.1149,  
9.8513

■ 119.5120, 0.2406,  
16.2140

■ 123.2570, 0.3663,  
22.5766

# Harmonies

## Analogous

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



93.8120, -11.7393, -14.7441



89.6660, -0.3283, -34.7871



83.1930, 13.7089, -57.1743

# Triad

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



89.6660, -0.3283, -34.7871



99.2110, 20.1090, -9.8320



100.1860, -15.3747, 31.4089

# Complementary

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



89.6660, -0.3283, -34.7871



70.3340, 0.3283, 34.7871

# 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.



100.9120, -6.3656, 35.1572



89.6660, -0.3283, -34.7871



101.8180, 12.9077, 13.3146

# Square

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



89.6660, -0.3283, -34.7871



92.5560, 23.3899, -35.5676



102.0990, 3.4022, 28.8542



98.5560, -19.9941, 19.6834



# Rectangle

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



89.6660, -0.3283, -34.7871



79.9020, 21.7403, -66.5661



102.0990, 3.4022, 28.8542



100.2940, -12.4699, 33.0682

# Sweetspot

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



89.6660, -0.3283, -34.7871



135.2110, -0.1040, -13.3400



91.4990, -20.4590, -17.9776



66.6570, 0.1691, -7.5922



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



89.6660, -0.3283, -34.7871



111.4310, -0.7055, -53.8750



86.7770, 11.4489, -32.2534



53.9780, 0.0108, -3.4887



79.3320, -0.6567, -69.5742



163.3430, -1.1551, -143.2518



# Inverse Universe

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



70.3340, 0.3283, 34.7871



81.4550, 0.2687, 53.9750



73.2230, -11.4489, 32.2534



52.0220, -0.0108, 3.4887



40.6680, 0.6567, 69.5742



83.7710, 1.5919, 143.1518



# Previews

## White Background



This preview shows how the YUV color 89.6660, -0.3283, -34.7871 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 89.6660, -0.3283, -34.7871 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

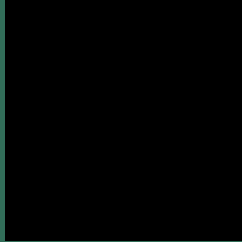
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 89.6660, -0.3283, -34.7871

## Background



This preview shows how black text looks on a background with the YUV color 89.6660, -0.3283, -34.7871.



This preview shows how white text looks on a background with the YUV color 89.6660, -0.3283, -34.7871.

-34.7871.

# 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

89.6660, -0.3283, -34.7871

### Protanopia

98.6710, -7.7258, 4.6735

### Deuteranopia

99.4420, -3.6689, 10.1364



## **Tritanopia**

92.6740, 11.0067, -30.4091

# Trichromacy



## Original Color

89.6660, -0.3283, -34.7871

## Protanomaly

95.2670, -5.0616, -9.8812

## Deuteranomaly

95.6850, -2.3097, -5.8627

## Tritanomaly

91.3380, 7.2284, -31.8684

# Monochromacy



## Original Color

89.6660, -0.3283, -34.7871

## Achromatopsia

90.0000, 0.0000, 0.0000

## Achromatomaly

89.6240, 0.1854, -12.8252

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.6660, -0.3283, -34.7871 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(50, 110, 89)` looks like.

```
.text, #text, p{  
    color:rgb(50, 110, 89)  
}
```

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(50, 110, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 110, 89) }
```

## Border

The CSS property to change the border of an element to YUV 89.6660, -0.3283, -34.7871 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(50, 110, 89) }
```



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

```
.border{ border-color:rgb(50, 110, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 110, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 110, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 110, 89);  
box-shadow:4px 4px 4px 4px rgb(50, 110,  
89) }
```

# Background

The CSS property to change the background color of an element to YUV 89.6660, -0.3283, -34.7871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 110, 89) }
```

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

```
.background{ background-color: rgb(50, 110,  
89) }
```

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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