

# Converting Colors

YUV(80.4090, 2.7564, -44.2087)

Have a look what the booklet for  
YUV(80.4090, 2.7564, -44.2087)  
contains.

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# Color

**YUV(80.4090, 2.7564,  
-44.2087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E6956
RGB	30, 105, 86
RGB Percent	12%, 41%, 34%
CMY	0.8824, 0.5882, 0.6627
CMYK	0.71, 0.00, 0.18, 0.59
HSL	165°, 56%, 26%
HSV	165°, 71%, 41%
XYZ	7.2667, 11.0511, 10.5542
YIQ	80.4090, -38.6010, -21.8090

# Conversions

## Conversions Part 2

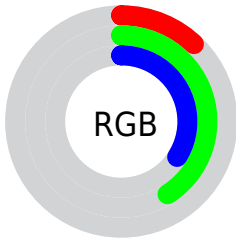
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 73, 105
Decimal	1993046
CIE <sub>Lab</sub>	39.67, -27.73, 4.10
CIE <sub>LCh</sub>	40, 28.031, 171.581
Yxy	11.0511, 0.2517, 0.3828
Android (android.graphics.Color)	4280183126 (0xFF1E6956)
YUV	80.4090, 2.7564, -44.2087
Hunter-Lab	33.2431, -19.1567, 4.4465

# Details

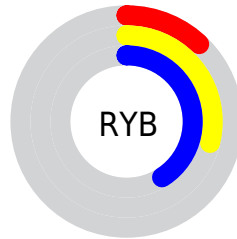
The YUV color **80.4090, 2.7564, -44.2087** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **54.5910, -2.7564, 44.2087**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0780, 1.4405, -42.1644**, and **38.1330, 1.4134, -33.4426** is the 20% darker color. If you saturate the color by 10%, you get **77.0770, 2.9200, -50.0565**, and if you desaturate by 10%, it is **84.0400, 2.4453, -37.7461**.

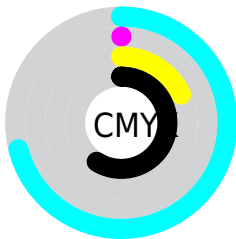
# Distribution



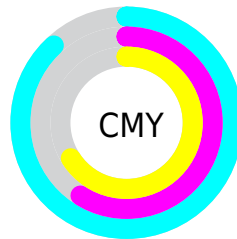
- Red (12%)
- Green (41%)
- Blue (34%)



- Red (12%)
- Yellow (29%)
- Blue (41%)



- Cyan (71%)
- Magenta (0%)
- Yellow (18%)
- Black (59%)



- Cyan (88%)
- Magenta (59%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 80.4090, 2.7564, -44.2087 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 80.4090, 2.7564, -44.2087 by changing the saturation by 10% instead.



80.4090, 2.7564,  
-44.2087

80.4090, 2.7564,  
-44.2087

255.0000, 0.0000,  
0.0000

54.1420, 4.3670,  
-47.4825

133.0780, 1.4405,  
-42.1644

38.1330, 1.4134,  
-33.4426

159.9640, 1.0037,  
-42.0644

23.5260, -1.2453,  
-20.6323

187.5510, 0.7144,  
-42.5792

0.0000, 0.0000,  
0.0000

215.2520, 0.8618,  
-43.1940

235.6210, 4.6238,  
-36.5016

245.4320, 4.7170,

-19.6729

254.1030, 0.4422,  
-1.8443

■ 80.4090, 2.7564,  
-44.2087

■ 80.4090, 2.7564,  
-44.2087

■ 77.0770, 2.9200,  
-50.0565

■ 84.0400, 2.4453,  
-37.7461

■ 73.5600, 3.6679,  
-56.6191

■ 87.2580, 1.8448,  
-31.7983

■ 70.5270, 3.6842,  
-61.8522

■ 90.8890, 1.5337,  
-25.3357

■ 94.2210, 1.3700,  
-19.4878

■ 97.7380, 0.6222,  
-12.9252

■ 101.0700, 0.4585,  
-7.0774

■ 104.7010, 0.1474,  
-0.6148

■ 107.9190, -0.4531,  
5.3330

■ 111.5500, -0.7641,  
11.7957

# Harmonies

## Analogous

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



86.6050, -11.1443, -18.9476



80.4090, 2.7564, -44.2087



74.0610, 17.2249, -64.9515

# Triad

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



80.4090, 2.7564, -44.2087



94.0480, 20.6823, -7.0581



93.6160, -17.5587, 31.9088

# Complementary

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



80.4090, 2.7564, -44.2087



54.5910, -2.7564, 44.2087

# 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.



94.4670, -8.1182, 37.3014



80.4090, 2.7564, -44.2087



96.1390, 12.7495, 17.4181

# Square

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



80.4090, 2.7564, -44.2087



86.4140, 25.4319, -37.1971



95.8930, 2.5178, 32.5428



92.3880, -21.8833, 18.9537



# Rectangle

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



80.4090, 2.7564, -44.2087



75.0700, 23.6295, -65.8364



95.8930, 2.5178, 32.5428



93.4360, -14.5119, 34.6976

# Sweetspot

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



80.4090, 2.7564, -44.2087



128.4170, 0.7804, -17.0287



80.0050, -24.6525, -26.3144



63.3470, 0.3219, -9.9513



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.



80.4090, 2.7564, -44.2087



98.9990, 4.4375, -70.1591



72.0090, 16.2646, -36.8419



51.9780, 0.0108, -3.4887



78.7110, 4.5795, -69.0295



164.6770, 9.0332, -144.4217



# Inverse Universe

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



54.5910, -2.7564, 44.2087



58.0010, -4.4375, 70.1591



62.9910, -16.2646, 36.8419



50.0220, -0.0108, 3.4887



38.4030, -4.1427, 68.9296



80.3230, -9.0332, 144.4217



# Previews

## White Background



This preview shows how the YUV color 80.4090, 2.7564, -44.2087 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 80.4090, 2.7564, -44.2087 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 80.4090, 2.7564, -44.2087**

## **Background**



This preview shows how black text looks on a background with the YUV color 80.4090, 2.7564, -44.2087.



This preview shows how white text looks on a background with the YUV color 80.4090, 2.7564, -44.2087.



# 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

80.4090, 2.7564, -44.2087

### Protanopia

93.0130, -6.4154, 4.3736

### Deuteranopia

93.7730, -2.3531, 8.0921



## Tritanopia

84.9720, 12.3388, -37.6864

# Trichromacy



## Original Color

80.4090, 2.7564, -44.2087

## Protanomaly

88.1140, -3.0142, -13.2550

## Deuteranomaly

88.5210, -0.2569, -10.9809

## Tritanomaly

83.3370, 8.7079, -39.7605

# Monochromacy



## Original Color

80.4090, 2.7564, -44.2087

## Achromatopsia

80.0000, 0.0000, 0.0000

## Achromatomaly

80.1290, 0.9224, -15.8991

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 80.4090, 2.7564, -44.2087 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(30, 105, 86)` looks like.

```
.text, #text, p{  
    color:rgb(30, 105, 86)  
}
```

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(30, 105, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 105, 86) }
```

## Border

The CSS property to change the border of an element to YUV 80.4090, 2.7564, -44.2087 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(30, 105, 86) }
```



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

```
.border{ border-color:rgb(30, 105, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 105, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 105, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 105, 86);  
box-shadow:4px 4px 4px 4px rgb(30, 105,  
86) }
```

# Background

The CSS property to change the background color of an element to YUV 80.4090, 2.7564, -44.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 105, 86) }
```

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

```
.background{ background-color: rgb(30, 105,  
86) }
```

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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