

Converting Colors

YUV(83.1760, -4.0308, -60.6674)

Have a look what the booklet for
YUV(83.1760, -4.0308, -60.6674)
contains.

YUV(83.1760, -4.0308, -60.6674)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(83.1760, -4.0308,
-60.6674)**

Conversions

Conversions Part 1

Format	Color
Hex	0E784B
RGB	14, 120, 75
RGB Percent	5%, 47%, 29%
CMY	0.9451, 0.5294, 0.7059
CMYK	0.88, 0.00, 0.37, 0.53
HSL	155°, 79%, 26%
HSV	155°, 88%, 47%
XYZ	8.1676, 14.0343, 8.9350
YIQ	83.1760, -48.7310, -36.4670

Conversions

Conversions Part 2

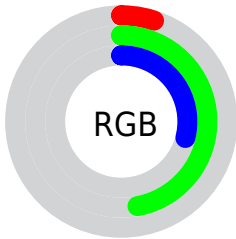
Format	Color
R_{YB}	14, 81, 120
Decimal	948299
CIE _{Lab}	44.28, -39.19, 17.02
CIE _{LCh}	44, 42.732, 156.523
Yxy	14.0343, 0.2623, 0.4507
Android (android.graphics.Color)	4279138379 (0xFF0E784B)
YUV	83.1760, -4.0308, -60.6674
Hunter-Lab	37.4624, -26.6425, 12.0826

Details

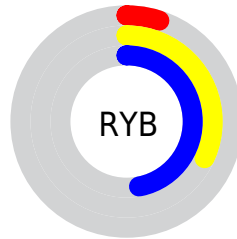
The YUV color **83.1760, -4.0308, -60.6674** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **50.8240, 4.0308, 60.6674**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6070, -7.6943, -52.2753**, and **44.5100, -7.1534, -39.0353** is the 20% darker color. If you saturate the color by 10%, you get **79.0180, -4.4459, -67.5448**, and if you desaturate by 10%, it is **87.3340, -3.6157, -53.7899**.

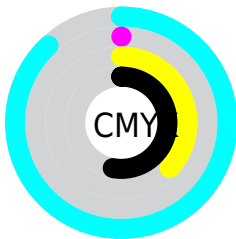
Distribution



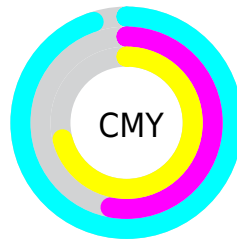
- Red (5%)
- Green (47%)
- Blue (29%)



- Red (5%)
- Yellow (32%)
- Blue (47%)



- Cyan (88%)
- Magenta (0%)
- Yellow (37%)
- Black (53%)



- Cyan (95%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1760, -4.0308, -60.6674 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 83.1760, -4.0308, -60.6674 by changing the saturation by 10% instead.

■ 83.1760, -4.0308,
-60.6674

■ 83.1760, -4.0308,
-60.6674

255.0000, 0.0000,
0.0000

■ 61.6930, -4.7786,
-54.1048

■ 139.6070, -7.6943,
-52.2753

■ 44.5100, -7.1534,
-39.0353

■ 167.3790, -8.5678,
-52.0754

■ 28.5010, -10.1070,
-24.9954

■ 195.2650, -9.0046,
-51.9754

■ 14.0880, -6.9454,
-12.3552

■ 221.9770, -8.8627,
-50.8458

■ 0.0000, 0.0000,
0.0000

■ 233.9540, -0.4703,
-35.9167

■ 245.1330, 4.8644,

-20.2876

253.8040, 0.5896,
-2.4591

83.1760, -4.0308,
-60.6674

83.1760, -4.0308,
-60.6674

79.0180, -4.4459,
-67.5448

87.3340, -3.6157,
-53.7899

78.3060, -4.5879,
-68.6744

91.4920, -3.2006,
-46.9125

95.6500, -2.7855,
-40.0351

99.8080, -2.3703,
-33.1576

103.9660, -1.9552,
-26.2802

■ 108.2380, -1.1033,
-19.5027

■ 112.3960, -0.6882,
-12.6253

■ 116.5540, -0.2731,
-5.7479

■ 120.7120, 0.1420,
1.1296

Harmonies

Analogous

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



96.1420, -25.7060, -15.0335



83.1760, -4.0308, -60.6674



84.3820, 13.6157, -74.0030

Triad

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



83.1760, -4.0308, -60.6674



96.2250, 38.8361, -43.1703



103.0040, -19.2290, 54.3705

Complementary

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



83.1760, -4.0308, -60.6674



50.8240, 4.0308, 60.6674

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.



103.9670, -2.9417, 57.0339



83.1760, -4.0308, -60.6674



107.4550, 26.8907, 8.3710

Square

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



83.1760, -4.0308, -60.6674



87.3580, 40.2495, -76.6130



107.1080, 13.2578, 41.1243



102.5770, -31.8365, 38.0820

Rectangle

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



83.1760, -4.0308, -60.6674



87.0040, 23.6620, -76.3025



107.1080, 13.2578, 41.1243



103.6930, -14.1456, 57.2742

Sweetspot

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



83.1760, -4.0308, -60.6674



141.3900, -1.6713, -24.0210



89.9760, -37.4562, -26.2890



70.2710, -1.1196, -14.2697



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



83.1760, -4.0308, -60.6674



101.8320, -5.8332, -89.3067



84.1970, 17.6509, -61.5628



58.9780, 0.0108, -3.4887



81.5830, -4.7244, -71.5483



164.4540, -9.5908, -144.2262

Inverse Universe

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



50.8240, 4.0308, 60.6674



54.1680, 5.8332, 89.3067



49.8030, -17.6509, 61.5628



57.1360, 0.4260, 3.3887



43.4170, 4.7244, 71.5483



87.5460, 9.5908, 144.2262

Previews

White Background



This preview shows how the YUV color 83.1760, -4.0308, -60.6674 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 83.1760, -4.0308, -60.6674 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 83.1760, -4.0308, -60.6674

Background



This preview shows how black text looks on a background with the YUV color 83.1760, -4.0308, -60.6674.



This preview shows how white text looks on a background with the YUV color 83.1760, -4.0308,

-60.6674.

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

83.1760, -4.0308, -60.6674

Protanopia

102.5870, -17.0514, 9.1322

Deuteranopia

104.2980, -11.9789, 15.5247



Tritanopia

94.0960, 14.2497, -43.9342

Trichromacy



Original Color

83.1760, -4.0308, -60.6674

Protanomaly

95.6870, -12.1707, -16.3885

Deuteranomaly

96.5180, -9.1294, -11.8553

Tritanomaly

90.0430, 7.8668, -50.0267

Monochromacy



Original Color

83.1760, -4.0308, -60.6674

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8140, -1.3873, -21.7619

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1760, -4.0308, -60.6674 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(14, 120, 75)` looks like.

```
.text, #text, p{  
    color:rgb(14, 120, 75)  
}
```

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(14, 120, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 120, 75) }
```

Border

The CSS property to change the border of an element to YUV 83.1760, -4.0308, -60.6674 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(14, 120, 75) }
```


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

```
.border{ border-color:rgb(14, 120, 75) }
```

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

Here you see how a box with a 4 pixel rgb(14, 120, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 120, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 120, 75);  
box-shadow:4px 4px 4px 4px rgb(14, 120,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 83.1760, -4.0308, -60.6674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 120, 75) }
```

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

```
.background{ background-color: rgb(14, 120,  
75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor