

# Converting Colors

YUV(65.9770, -8.8627, -50.8458)

Have a look what the booklet for  
YUV(65.9770, -8.8627, -50.8458)  
contains.

<b>YUV(65.9770, -8.8627, -50.8458)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(65.9770, -8.8627,  
-50.8458)**

# Conversions

## Conversions Part 1

Format	Color
Hex	086330
RGB	8, 99, 48
RGB Percent	3%, 39%, 19%
CMY	0.9686, 0.6118, 0.8118
CMYK	0.92, 0.00, 0.52, 0.61
HSL	146°, 85%, 21%
HSV	146°, 92%, 39%
XYZ	5.0955, 9.1887, 4.3013
YIQ	65.9770, -37.8650, -35.1530

# Conversions

## Conversions Part 2

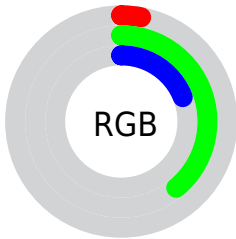
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 71, 99
Decimal	549680
CIE <sub>Lab</sub>	36.35, -37.09, 22.13
CIE <sub>LCh</sub>	36, 43.196, 149.174
Yxy	9.1887, 0.2742, 0.4944
Android (android.graphics.Color)	4278739760 (0xFF086330)
YUV	65.9770, -8.8627, -50.8458
Hunter-Lab	30.3129, -23.0424, 12.8059

# Details

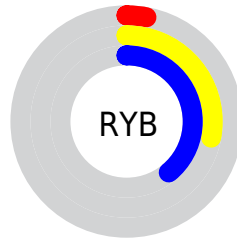
The YUV color **65.9770, -8.8627, -50.8458** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **41.0230, 8.8627, 50.8458**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9950, -12.8155, -42.9686**, and **30.1650, -13.8853, -26.4547** is the 20% darker color. If you saturate the color by 10%, you get **63.1290, -9.4306, -55.3641**, and if you desaturate by 10%, it is **69.6510, -7.7159, -45.2979**.

# Distribution



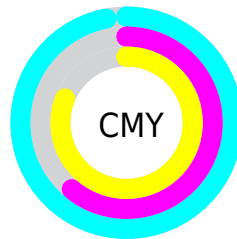
- Red (3%)
- Green (39%)
- Blue (19%)



- Red (3%)
- Yellow (28%)
- Blue (39%)



- Cyan (92%)
- Magenta (0%)
- Yellow (52%)
- Black (61%)



- Cyan (97%)
- Magenta (61%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 65.9770, -8.8627, -50.8458 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 65.9770, -8.8627, -50.8458 by changing the saturation by 10% instead.



■ 65.9770, -8.8627,  
-50.8458

■ 65.9770, -8.8627,  
-50.8458

255.0000, 0.0000,  
0.0000

■ 46.4020, -10.0582,  
-40.6946

■ 120.9950,  
-12.8155, -42.9686

■ 30.1650, -13.8853,  
-26.4547

■ 147.7670,  
-13.6891, -42.7687

■ 17.6100, -8.6817,  
-15.4440

■ 175.2400,  
-14.4153, -43.1835

■ 0.0000, 0.0000,  
0.0000

■ 202.8270,  
-14.7047, -43.6983

■ 226.6040,  
-13.1158, -39.9947

■ 238.4670, -5.1602,

-24.9656

250.2160, 2.3585,  
-9.8364

65.9770, -8.8627,  
-50.8458

65.9770, -8.8627,  
-50.8458

63.1290, -9.4306,  
-55.3641

69.6510, -7.7159,  
-45.2979

73.2110, -7.0060,  
-39.6500

76.8850, -5.8593,  
-34.1021

80.4450, -5.1494,  
-28.4543

84.1190, -4.0027,  
-22.9064

■ 87.3800, -3.1453,  
-17.8733

■ 91.0540, -1.9986,  
-12.3254

■ 94.6140, -1.2887,  
-6.6775

■ 98.2880, -0.1420,  
-1.1296

# Harmonies

## Analogous

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



77.1600, -29.6589, -7.1563



65.9770, -8.8627, -50.8458



69.3360, 6.7364, -60.8077

# Triad

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



65.9770, -8.8627, -50.8458



70.5000, 41.6585, -61.8285



82.6820, -14.1402, 55.5299

# Complementary

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



65.9770, -8.8627, -50.8458



41.0230, 8.8627, 50.8458

# 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.



83.6230, 2.1579, 54.7046



65.9770, -8.8627, -50.8458



86.6600, 29.2546, -3.2098

# Square

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



65.9770, -8.8627, -50.8458



74.0560, 34.9754, -64.9471



87.3890, 17.0632, 33.8618



82.6960, -28.9371, 41.4856



# Rectangle

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



65.9770, -8.8627, -50.8458



72.0720, 17.2195, -63.2071



87.3890, 17.0632, 33.8618



82.7730, -8.7621, 57.2041

# Sweetspot

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



65.9770, -8.8627, -50.8458



114.8420, -3.8661, -20.0324



76.9650, -33.9997, -14.8783



56.0540, -1.9986, -12.3254



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



65.9770, -8.8627, -50.8458



81.5200, -12.5814, -71.4930



71.1070, 10.7932, -55.3448



46.5760, -0.2840, -2.2592



71.3300, -11.0087, -62.5564



152.8500, -23.5900, -134.0495



# Inverse Universe

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



41.0230, 8.8627, 50.8458



46.3660, 12.1446, 71.5930



35.8930, -10.7932, 55.3448



45.4240, 0.2840, 2.2592



40.6700, 11.0087, 62.5564

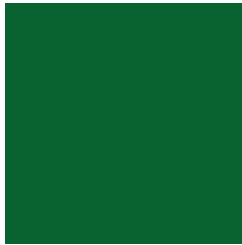


87.0360, 23.1533, 134.1494



# Previews

## White Background



This preview shows how the YUV color 65.9770, -8.8627, -50.8458 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

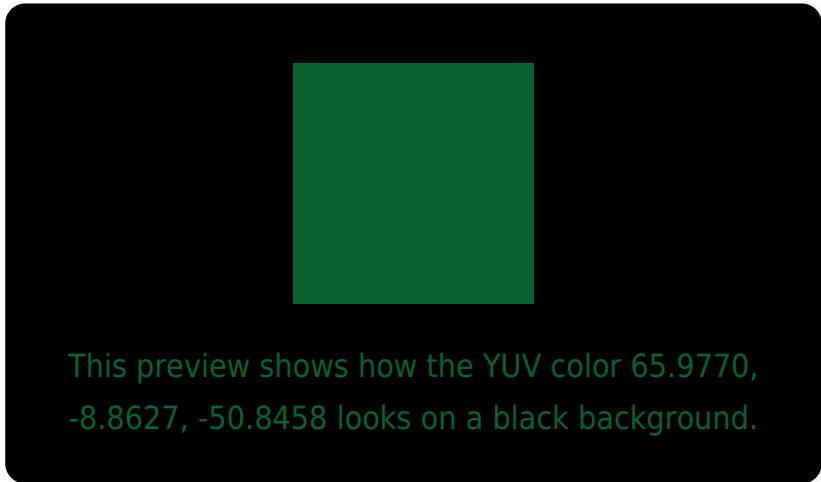
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 65.9770, -8.8627, -50.8458

## Background



This preview shows how black text looks on a background with the YUV color 65.9770, -8.8627, -50.8458.



This preview shows how white text looks on a background with the YUV color 65.9770, -8.8627, -50.8458.



# 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

65.9770, -8.8627, -50.8458

### Protanopia

82.9030, -19.6722, 9.7321

### Deuteranopia

84.8590, -16.1995, 15.9097



## Tritanopia

77.7660, 11.4544, -33.9978

# Trichromacy



## Original Color

65.9770, -8.8627, -50.8458

## Protanomaly

76.7970, -15.6759, -12.1000

## Deuteranomaly

77.8020, -13.2134, -8.5964

## Tritanomaly

73.4850, 4.1979, -39.8903

# Monochromacy



## Original Color

65.9770, -8.8627, -50.8458

## Achromatopsia

66.0000, 0.0000, 0.0000

## Achromatomaly

65.9670, -3.4347, -18.3881

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 65.9770, -8.8627, -50.8458 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(8, 99, 48)` looks like.

```
.text, #text, p{  
    color:rgb(8, 99, 48)  
}
```

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(8, 99, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 99, 48) }
```

## Border

The CSS property to change the border of an element to YUV 65.9770, -8.8627, -50.8458 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(8, 99, 48) }
```



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

```
.border{ border-color:rgb(8, 99, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 99, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 99, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 99, 48); box-shadow:4px  
4px 4px 4px rgb(8, 99, 48) }
```

# Background

The CSS property to change the background color of an element to YUV 65.9770, -8.8627, -50.8458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 99, 48) }
```

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

```
.background{ background-color: rgb(8, 99,  
48) }
```

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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