

# Converting Colors

YUV(86.2560, 4.8038, -47.5825)

Have a look what the booklet for  
YUV(86.2560, 4.8038, -47.5825)  
contains.

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# Color

**YUV(86.2560, 4.8038,  
-47.5825)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	207060
RGB	32, 112, 96
RGB Percent	13%, 44%, 38%
CMY	0.8745, 0.5608, 0.6235
CMYK	0.71, 0.00, 0.14, 0.56
HSL	168°, 56%, 28%
HSV	168°, 71%, 44%
XYZ	8.5012, 12.7399, 13.0773
YIQ	86.2560, -42.5440, -21.9360

# Conversions

## Conversions Part 2

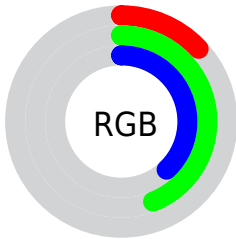
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 76, 112
Decimal	2125920
CIE <sub>Lab</sub>	42.37, -27.98, 1.96
CIE <sub>LCh</sub>	42, 28.052, 175.996
Yxy	12.7399, 0.2477, 0.3712
Android (android.graphics.Color)	4280316000 (0xFF207060)
YUV	86.2560, 4.8038, -47.5825
Hunter-Lab	35.6931, -19.9488, 3.2623

# Details

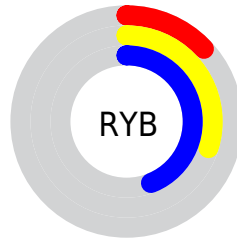
The YUV color **86.2560, 4.8038, -47.5825** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **57.7440, -4.8038, 47.5825**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2240, 3.3406, -44.9234**, and **42.6810, 3.6083, -37.4312** is the 20% darker color. If you saturate the color by 10%, you get **82.7390, 5.5517, -54.1451**, and if you desaturate by 10%, it is **89.7730, 4.0559, -41.0199**.

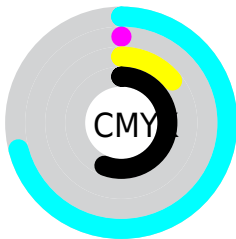
# Distribution



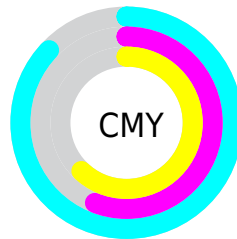
- Red (13%)
- Green (44%)
- Blue (38%)



- Red (13%)
- Yellow (30%)
- Blue (44%)



- Cyan (71%)
- Magenta (0%)
- Yellow (14%)
- Black (56%)



- Cyan (87%)
- Magenta (56%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 86.2560, 4.8038, -47.5825 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 86.2560, 4.8038, -47.5825 by changing the saturation by 10% instead.



86.2560, 4.8038,  
-47.5825

86.2560, 4.8038,  
-47.5825

255.0000, 0.0000,  
0.0000

59.2770, 6.2724,  
-51.9859

139.2240, 3.3406,  
-44.9234

42.6810, 3.6083,  
-37.4312

166.8110, 3.0512,  
-45.4382

27.3730, 0.8021,  
-24.0061

194.6970, 2.6144,  
-45.3383

9.7340, -3.3199,  
-8.5367

222.3980, 2.7618,  
-45.9530

0.0000, 0.0000,  
0.0000

238.2560, 8.2548,  
-34.4275

246.9270, 3.9800,

-16.5990

■ 86.2560, 4.8038,  
-47.5825

■ 86.2560, 4.8038,  
-47.5825

■ 82.7390, 5.5517,  
-54.1451

■ 89.7730, 4.0559,  
-41.0199

■ 79.2220, 6.2996,  
-60.7077

■ 93.2900, 3.3080,  
-34.4573

■ 76.0040, 6.9000,  
-66.6555

■ 97.2200, 2.8495,  
-27.3799

■ 100.7370, 2.1017,  
-20.8173

■ 104.2540, 1.3538,  
-14.2548

■ 107.7710, 0.6059,  
-7.6922

■ 111.4020, 0.2948,  
-1.2296

■ 115.2180, -0.6005,  
5.9478

■ 118.7350, -1.3484,  
12.5104

# Harmonies

## Analogous

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



92.9250, -9.8230, -22.7362



86.2560, 4.8038, -47.5825



79.3100, 19.5672, -69.5549

# Triad

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



86.2560, 4.8038, -47.5825



101.2550, 20.0873, -2.8546



99.6760, -18.5743, 30.9791

# Complementary

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



86.2560, 4.8038, -47.5825



57.7440, -4.8038, 47.5825

# 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.



101.0110, -9.8654, 37.7014



86.2560, 4.8038, -47.5825



103.1070, 11.2862, 20.0772

# Square

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



86.2560, 4.8038, -47.5825



94.7460, 25.2682, -31.3492



102.4480, 0.7651, 34.6871



98.8500, -22.6040, 16.7946



# Rectangle

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



86.2560, 4.8038, -47.5825



79.7320, 26.2611, -69.9250



102.4480, 0.7651, 34.6871



100.3820, -15.9643, 33.8680

# Sweetspot

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



86.2560, 4.8038, -47.5825



135.3460, 1.8014, -17.8434



83.7440, -25.5098, -31.3475



67.8630, 1.0535, -11.2809



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



86.2560, 4.8038, -47.5825



104.7750, 7.5059, -74.3477



73.9920, 18.7379, -36.8270



54.0920, 0.4476, -3.5887



81.3840, 7.2057, -71.3738



167.5610, 15.0064, -146.9510



# Inverse Universe

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



57.7440, -4.8038, 47.5825



60.2250, -7.5059, 74.3477



70.0080, -18.7379, 36.8270



52.0220, -0.0108, 3.4887



38.6160, -7.2057, 71.3738



79.4390, -15.0064, 146.9510



# Previews

## White Background



This preview shows how the YUV color 86.2560, 4.8038, -47.5825 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 86.2560, 4.8038, -47.5825 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

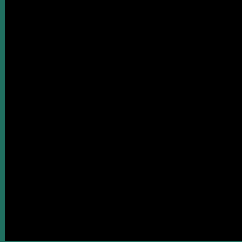
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 86.2560, 4.8038, -47.5825

## Background



This preview shows how black text looks on a background with the YUV color 86.2560, 4.8038, -47.5825.



This preview shows how white text looks on a background with the YUV color 86.2560, 4.8038, -47.5825.



# 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

86.2560, 4.8038, -47.5825

### Protanopia

99.3550, -5.1050, 4.0737

### Deuteranopia

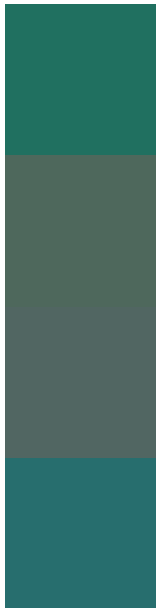
100.2290, -0.6059, 7.6922



## Tritanopia

90.2920, 13.6600, -41.4751

# Trichromacy



## Original Color

86.2560, 4.8038, -47.5825

## Protanomaly

94.8580, -1.4090, -14.7845

## Deuteranomaly

95.2650, 1.3484, -12.5104

## Tritanomaly

88.7710, 10.4659, -43.6492

# Monochromacy



## Original Color

86.2560, 4.8038, -47.5825

## Achromatopsia

86.0000, 0.0000, 0.0000

## Achromatomaly

85.7590, 2.0908, -17.3286

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.2560, 4.8038, -47.5825 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(32, 112, 96)` looks like.

```
.text, #text, p{  
    color:rgb(32, 112, 96)  
}
```

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(32, 112, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 112, 96) }
```

## Border

The CSS property to change the border of an element to YUV 86.2560, 4.8038, -47.5825 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(32, 112, 96) }
```



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

```
.border{ border-color:rgb(32, 112, 96) }
```

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

Here you see how a box with a 4 pixel rgb(32, 112, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 112, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 112, 96);  
box-shadow:4px 4px 4px 4px rgb(32, 112,  
96) }
```

# Background

The CSS property to change the background color of an element to YUV 86.2560, 4.8038, -47.5825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 112, 96) }
```

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

```
.background{ background-color: rgb(32, 112,  
96) }
```

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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