

# Converting Colors

YUV(85.4130, -6.6126, -25.7952)

Have a look what the booklet for  
YUV(85.4130, -6.6126, -25.7952)  
contains.

|  |    |
|--|----|
| <b>YUV(85.4130, -6.6126, -25.7952)</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(85.4130, -6.6126,  
-25.7952)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 386748                      |
| RGB         | 56, 103, 72                 |
| RGB Percent | 22%, 40%, 28%               |
| CMY         | 0.7804, 0.5961, 0.7176      |
| CMYK        | 0.46, 0.00, 0.30, 0.60      |
| HSL         | 140°, 30%, 31%              |
| HSV         | 140°, 46%, 40%              |
| XYZ         | 7.6508, 11.0091, 7.8526     |
| YIQ         | 85.4130, -18.0610, -19.6050 |

# Conversions

## Conversions Part 2

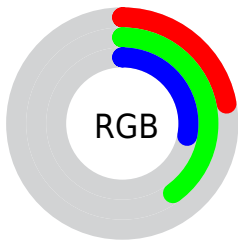
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 56, 91, 103                   |
| Decimal                             | 3696456                       |
| CIELab                              | 39.60, -23.75, 12.61          |
| CIELCh                              | 40, 26.888, 152.043           |
| Yxy                                 | 11.0091, 0.2886,<br>0.4152    |
| Android<br>(android.graphics.Color) | 4281886536<br>(0xFF386748)    |
| YUV                                 | 85.4130, -6.6126,<br>-25.7952 |
| Hunter-Lab                          | 33.1800, -16.9055,<br>9.1940  |

# Details

The YUV color **85.4130, -6.6126, -25.7952** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.5870, 6.6126, 25.7952**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.8860, -7.3388, -26.2100**, and **36.9720, -4.4232, -28.0394** is the 20% darker color. If you saturate the color by 10%, you get **81.6250, -8.1961, -31.2431**, and if you desaturate by 10%, it is **89.2010, -5.0291, -20.3473**.

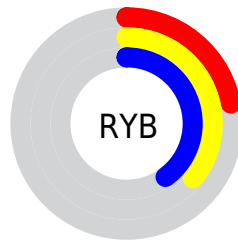
# Distribution



Red (22%)

Green (40%)

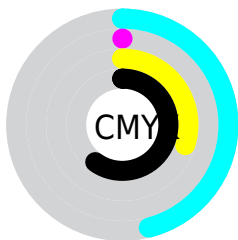
Blue (28%)



Red (22%)

Yellow (36%)

Blue (40%)

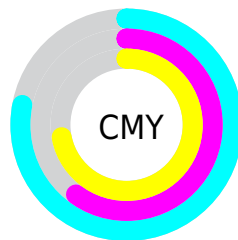


Cyan (46%)

Magenta (0%)

Yellow (30%)

Black (60%)



Cyan (78%)

Magenta (60%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.4130, -6.6126, -25.7952 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 85.4130, -6.6126, -25.7952 by changing the saturation by 10% instead.



85.4130, -6.6126,  
-25.7952

85.4130, -6.6126,  
-25.7952

255.0000, 0.0000,  
0.0000

61.5270, -6.1758,  
-25.8952

135.8860, -7.3388,  
-26.2100

36.9720, -4.4232,  
-28.0394

162.3590, -8.0650,  
-26.6248

20.3000, -8.5289,  
-17.8031

189.6470, -8.2070,  
-27.7544

0.0000, 0.0000,  
0.0000

218.1200, -8.9332,  
-28.1692

239.6630, -5.7499,  
-22.5065

251.1130, 1.9163,

-7.9921

■ 85.4130, -6.6126,  
-25.7952

■ 85.4130, -6.6126,  
-25.7952

■ 81.6250, -8.1961,  
-31.2431

■ 89.2010, -5.0291,  
-20.3473

■ 77.5380, -9.6322,  
-37.3058

■ 93.2880, -3.5930,  
-14.2846

■ 73.8640, -10.7790,  
-42.8537

■ 96.9620, -2.4463,  
-8.7367

■ 70.0760, -12.3625,  
-48.3017

■ 100.7500, -0.8628,  
-3.2887

■ 65.9890, -13.7986,  
-54.3644

■ 104.8370, 0.5734,  
2.7740

■ 64.4510, -14.5193,  
-56.5235

■ 108.6250, 2.1569,  
8.2219

■ 112.4130, 3.7404,  
13.6698

■ 116.0870, 4.8871,  
19.2177

■ 120.1740, 6.3232,  
25.2804

# Harmonies

## Analogous

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



89.2000, -16.8606, -5.4374



85.4130, -6.6126, -25.7952



78.0320, 7.8722, -51.7711

# Triad

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



85.4130, -6.6126, -25.7952



89.9210, 23.2099, -24.4867



93.9460, -11.3124, 35.1274

# Complementary

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



85.4130, -6.6126, -25.7952



73.5870, 6.6126, 25.7952

# 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.



95.2800, -1.1240, 33.9574



85.4130, -6.6126, -25.7952



94.8920, 17.3082, 1.8487

# Square

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



85.4130, -6.6126, -25.7952



77.2110, 26.5180, -58.9440



95.8470, 8.9494, 22.9362



93.2410, -18.8528, 26.9756



# Rectangle

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



85.4130, -6.6126, -25.7952



74.0610, 17.2249, -64.9515



95.8470, 8.9494, 22.9362



94.4560, -8.1128, 35.5571

# Sweetspot

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



85.4130, -6.6126, -25.7952



127.9510, -2.4408, -10.4810



92.8580, -18.1710, -5.1375



64.5000, -1.7255, -6.5775



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.



85.4130, -6.6126, -25.7952



107.2880, -10.4950, -40.5946



88.0350, 3.4337, -28.0947



49.1630, -0.5734, -2.7740



71.9510, -16.2448, -63.1010



151.4020, -34.2152, -132.7796



# Inverse Universe

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



73.5870, 6.6126, 25.7952



88.7120, 10.4950, 40.5946



70.9650, -3.4337, 28.0947



47.8370, 0.5734, 2.7740



43.0490, 16.2448, 63.1010

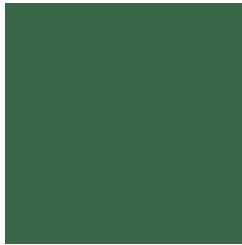


90.5980, 34.2152, 132.7796



# Previews

## White Background



This preview shows how the YUV color 85.4130, -6.6126, -25.7952 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 85.4130, -6.6126, -25.7952 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

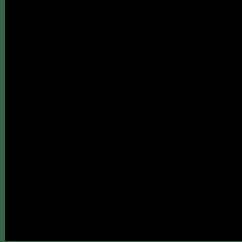
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 85.4130, -6.6126, -25.7952

## Background



This preview shows how black text looks on a background with the YUV color 85.4130, -6.6126, -25.7952.



This preview shows how white text looks on a background with the YUV color 85.4130, -6.6126, -25.7952.

-25.7952.

# 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

85.4130, -6.6126, -25.7952

### Protanopia

92.1290, -12.3886, 6.9029

### Deuteranopia

93.0850, -8.9159, 13.0805



## Tritanopia

89.4470, 8.6536, -22.3170

# Trichromacy



## Original Color

85.4130, -6.6126, -25.7952

## Protanomaly

89.9210, -10.3141, -5.1927

## Deuteranomaly

90.2250, -7.9989, -1.0743

## Tritanomaly

87.6550, 3.1281, -23.3764

# Monochromacy



## Original Color

85.4130, -6.6126, -25.7952

## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

85.2500, -2.5882, -9.8663

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.4130, -6.6126, -25.7952 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(56, 103, 72)` looks like.

```
.text, #text, p{  
    color:rgb(56, 103, 72)  
}
```

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(56, 103, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 103, 72) }
```

## Border

The CSS property to change the border of an element to YUV 85.4130, -6.6126, -25.7952 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(56, 103, 72) }
```



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

```
.border{ border-color:rgb(56, 103, 72) }
```

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

Here you see how a box with a 4 pixel rgb(56, 103, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 103, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 103, 72);  
box-shadow:4px 4px 4px 4px rgb(56, 103,  
72) }
```

# Background

The CSS property to change the background color of an element to YUV 85.4130, -6.6126, -25.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 103, 72) }
```

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

```
.background{ background-color: rgb(56, 103,  
72) }
```

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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