

# Converting Colors

YUV(86.7410, 6.0437, -25.2059)

Have a look what the booklet for  
YUV(86.7410, 6.0437, -25.2059)  
contains.

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# Color

**YUV(86.7410, 6.0437,  
-25.2059)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A6363
RGB	58, 99, 99
RGB Percent	23%, 39%, 39%
CMY	0.7725, 0.6118, 0.6118
CMYK	0.41, 0.00, 0.00, 0.61
HSL	180°, 26%, 31%
HSV	180°, 41%, 39%
XYZ	8.4589, 10.7241, 13.4285
YIQ	86.7410, -24.4360, -8.6920

# Conversions

## Conversions Part 2

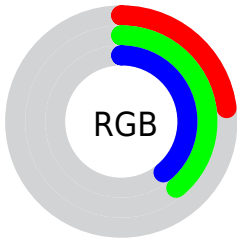
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 79, 99
Decimal	3826531
CIELab	39.11, -14.32, -4.53
CIELCh	39, 15.016, 197.567
Yxy	10.7241, 0.2594, 0.3288
Android (android.graphics.Color)	4282016611 (0xFF3A6363)
YUV	86.7410, 6.0437, -25.2059
Hunter-Lab	32.7476, -11.2008, -1.3891

# Details

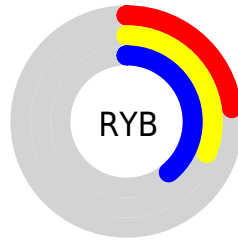
The YUV color **86.7410, 6.0437, -25.2059** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70.2590, -6.0437, 25.2059**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4420, 6.1911, -25.8206**, and **38.6590, 7.0701, -27.7649** is the 20% darker color. If you saturate the color by 10%, you get **83.7510, 7.5178, -31.3536**, and if you desaturate by 10%, it is **89.7310, 4.5696, -19.0581**.

# Distribution



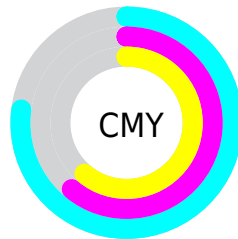
- Red (23%)
- Green (39%)
- Blue (39%)



- Red (23%)
- Yellow (31%)
- Blue (39%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (61%)



- Cyan (77%)
- Magenta (61%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 86.7410, 6.0437, -25.2059 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 86.7410, 6.0437, -25.2059 by changing the saturation by 10% instead.



86.7410, 6.0437,  
-25.2059

86.7410, 6.0437,  
-25.2059

255.0000, 0.0000,  
0.0000

62.7410, 6.0437,  
-25.2059

137.4420, 6.1911,  
-25.8206

38.6590, 7.0701,  
-27.7649

164.0290, 5.9017,  
-26.3354

21.7310, 4.5696,  
-19.0581

191.1430, 6.3385,  
-26.4354

0.7980, 3.0576,  
-0.6998

218.8440, 6.4859,  
-27.0502

0.0000, 0.0000,  
0.0000

243.3390, 5.7489,  
-23.9763

252.0100, 1.4741,

-6.1478

■ 86.7410, 6.0437,  
-25.2059

■ 86.7410, 6.0437,  
-25.2059

■ 83.7510, 7.5178,  
-31.3536

■ 89.7310, 4.5696,  
-19.0581

■ 80.7610, 8.9918,  
-37.5014

■ 92.7210, 3.0955,  
-12.9103

■ 77.7710, 10.4659,  
-43.6492

■ 95.7110, 1.6215,  
-6.7625

■ 74.7810, 11.9400,  
-49.7969

■ 98.7010, 0.1474,  
-0.6148

■ 72.0900, 13.2666,  
-55.3299

■ 101.6910, -1.3267,  
5.5330

■ 69.3990, 14.5933,  
-60.8629

■ 104.3820, -2.6533,  
11.0660

■ 107.3720, -4.1274,  
17.2138

■ 110.3620, -5.6015,  
23.3615

■ 113.3520, -7.0755,  
29.5093

# Harmonies

## Analogous

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



87.9500, -0.9614, -18.3732



86.7410, 6.0437, -25.2059



87.7070, 10.9904, -25.1760

# Triad

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



86.7410, 6.0437, -25.2059



94.2920, 7.2510, 7.6369



92.3900, -11.5313, 11.9360

# Complementary

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



86.7410, 6.0437, -25.2059



70.2590, -6.0437, 25.2059

# 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.



93.1180, -8.9322, 18.3135



86.7410, 6.0437, -25.2059



94.2670, 1.8404, 16.4288

# Square

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



86.7410, 6.0437, -25.2059



92.5400, 11.0728, -4.8586



93.9810, -4.4276, 20.1877



91.1500, -10.9199, 2.4995



# Rectangle

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



86.7410, 6.0437, -25.2059



89.0820, 12.2846, -20.2429



93.9810, -4.4276, 20.1877



92.2270, -10.9579, 14.7099

# Sweetspot

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



86.7410, 6.0437, -25.2059



123.2160, 2.3585, -9.8364



82.0670, -11.8650, -21.1068



61.3090, 1.3267, -5.5330



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.



86.7410, 6.0437, -25.2059



108.8640, 9.4340, -39.3457



75.0010, 11.8315, -14.9099



46.8040, 0.5896, -2.4591



78.5120, 16.5096, -68.8550



168.2400, 35.3777, -147.5465



# Inverse Universe

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



74.9330, 11.8650, 21.1068



90.4320, 18.5210, 32.9471



82.5860, -12.1209, 14.3951



45.6520, 1.1576, 2.0592



46.2560, 32.4118, 57.6575

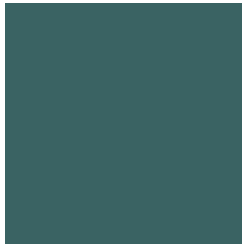


99.1200, 69.4538, 123.5518



# Previews

## White Background



This preview shows how the YUV color 86.7410, 6.0437, -25.2059 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 86.7410, 6.0437, -25.2059 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

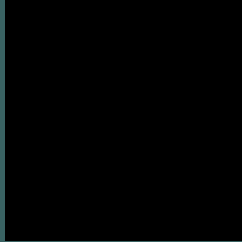
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 86.7410, 6.0437, -25.2059**

## **Background**



This preview shows how black text looks on a background with the YUV color 86.7410, 6.0437, -25.2059.



This preview shows how white text looks on a background with the YUV color 86.7410, 6.0437, -25.2059.



# 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

86.7410, 6.0437, -25.2059

### Protanopia

91.9400, 1.0156, 0.9296

### Deuteranopia

92.4610, 4.2097, 3.1037



## Tritanopia

87.5500, 9.0959, -24.1613

# Trichromacy



## Original Color

86.7410, 6.0437, -25.2059

## Protanomaly

90.0420, 2.9373, -8.8068

## Deuteranomaly

90.5090, 4.6791, -7.4624

## Tritanomaly

86.9090, 7.9329, -24.4762

# Monochromacy



## Original Color

86.7410, 6.0437, -25.2059

## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

86.5150, 2.2111, -9.2217

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.7410, 6.0437, -25.2059 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(58, 99, 99)` looks like.

```
.text, #text, p{  
    color:rgb(58, 99, 99)  
}
```

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(58, 99, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 99, 99) }
```

## Border

The CSS property to change the border of an element to YUV 86.7410, 6.0437, -25.2059 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(58, 99, 99) }
```



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

```
.border{ border-color:rgb(58, 99, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 99, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 99, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 99, 99);  
box-shadow:4px 4px 4px 4px rgb(58, 99, 99)  
}
```

# Background

The CSS property to change the background color of an element to YUV 86.7410, 6.0437, -25.2059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 99, 99) }
```

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

```
.background{ background-color: rgb(58, 99,  
99) }
```

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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