

# Converting Colors

YUV(86.2180, -7.5025, -20.3622)

Have a look what the booklet for  
YUV(86.2180, -7.5025, -20.3622)  
contains.

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# Color

**YUV(86.2180, -7.5025,  
-20.3622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F6547
RGB	63, 101, 71
RGB Percent	25%, 40%, 28%
CMY	0.7529, 0.6039, 0.7216
CMYK	0.38, 0.00, 0.30, 0.60
HSL	133°, 23%, 32%
HSV	133°, 38%, 40%
XYZ	7.8409, 10.8191, 7.6363
YIQ	86.2180, -13.0180, -17.3860

# Conversions

## Conversions Part 2

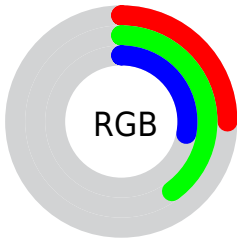
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 94, 101
Decimal	4154695
CIELab	39.27, -20.59, 12.82
CIELCh	39, 24.256, 148.087
Yxy	10.8191, 0.2982, 0.4114
Android (android.graphics.Color)	4282344775 (0xFF3F6547)
YUV	86.2180, -7.5025, -20.3622
Hunter-Lab	32.8923, -15.0106, 9.2599

# Details

The YUV color **86.2180, -7.5025, -20.3622** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **77.7820, 7.5025, 20.3622**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3920, -8.0813, -21.3918**, and **39.5600, -6.1921, -20.6621** is the 20% darker color. If you saturate the color by 10%, you get **82.3160, -9.5228, -25.7101**, and if you desaturate by 10%, it is **90.1200, -5.4822, -15.0142**.

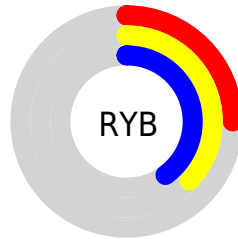
# Distribution



 Red (25%)

 Green (40%)

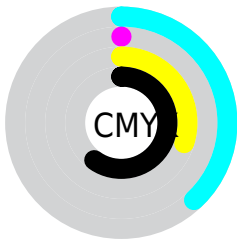
 Blue (28%)




 Red (25%)

 Yellow (37%)

 Blue (40%)

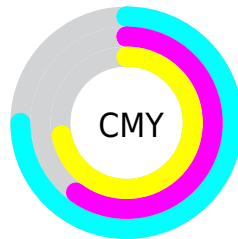


 Cyan (38%)

 Magenta (0%)

 Yellow (30%)

 Black (60%)



 Cyan (75%)

 Magenta (60%)

 Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 86.2180, -7.5025, -20.3622 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 86.2180, -7.5025, -20.3622 by changing the saturation by 10% instead.



86.2180, -7.5025,  
-20.3622

86.2180, -7.5025,  
-20.3622

255.0000, 0.0000,  
0.0000

62.6310, -7.2131,  
-19.8474

136.3920, -8.0813,  
-21.3918

39.5600, -6.1921,  
-20.6621

162.8650, -8.8074,  
-21.8066

19.5990, -8.6763,  
-17.1883

190.4520, -9.0968,  
-22.3214

0.0000, 0.0000,  
0.0000

218.0390, -9.3862,  
-22.8362

241.3430, -7.0711,  
-18.7178

253.2060, 0.8844,

-3.6887

■ 86.2180, -7.5025,  
-20.3622

■ 86.2180, -7.5025,  
-20.3622

■ 82.3160, -9.5228,  
-25.7101

■ 90.1200, -5.4822,  
-15.0142

■ 78.4140, -11.5431,  
-31.0581

■ 94.0220, -3.4618,  
-9.6663

■ 74.5120, -13.5634,  
-36.4060

■ 97.9240, -1.4415,  
-4.3183

■ 70.6100, -15.5837,  
-41.7540

■ 101.8260, 0.5788,  
1.0296

■ 66.7080, -17.6040,  
-47.1019

■ 106.0270, 2.4517,  
6.9923

■ 62.5070, -19.4770,  
-53.0646

■ 109.9290, 4.4720,  
12.3403

■ 61.6810, -20.0557,  
-54.0942

■ 113.8310, 6.4923,  
17.6882

■ 117.7330, 8.5126,  
23.0362

■ 121.6350, 10.5329,  
28.3841

# Harmonies

## Analogous

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



89.1510, -15.8504, -2.7634



86.2180, -7.5025, -20.3622



81.5990, 4.6347, -39.9903

# Triad

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



86.2180, -7.5025, -20.3622



89.3510, 21.0260, -23.9868



93.7930, -9.2649, 31.7535

# Complementary

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



86.2180, -7.5025, -20.3622



77.7820, 7.5025, 20.3622

# 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.



94.6000, 0.1972, 30.1688



86.2180, -7.5025, -20.3622



93.9410, 16.2981, -0.8253

# Square

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



86.2180, -7.5025, -20.3622



80.7240, 21.8281, -47.9929



95.2270, 9.2551, 18.2179



92.6260, -16.0846, 25.7610



# Rectangle

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



86.2180, -7.5025, -20.3622



77.4000, 13.1138, -52.9708



95.2270, 9.2551, 18.2179



94.1890, -6.5022, 32.2832

# Sweetspot

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



86.2180, -7.5025, -20.3622



124.5600, -2.7411, -7.5071



94.2760, -15.4191, -1.1191



62.8100, -1.8783, -4.2184



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000



# Same Dimension

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



86.2180, -7.5025, -20.3622



107.4140, -11.5431, -31.0581



88.3840, 0.7967, -22.2618



49.0490, -1.0102, -2.6740



70.2410, -22.7968, -61.6014



147.8680, -47.7559, -129.6802



# Inverse Universe

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



77.7820, 7.5025, 20.3622



94.5860, 11.5431, 31.0581



75.6160, -0.7967, 22.2618



47.9510, 1.0102, 2.6740



44.7590, 22.7968, 61.6014



94.1320, 47.7559, 129.6802



# Previews

## White Background



This preview shows how the YUV color 86.2180, -7.5025, -20.3622 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 86.2180, -7.5025, -20.3622 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

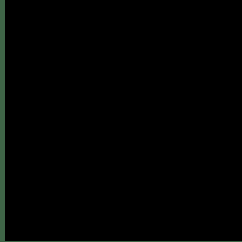
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 86.2180, -7.5025, -20.3622

## Background



This preview shows how black text looks on a background with the YUV color 86.2180, -7.5025, -20.3622.



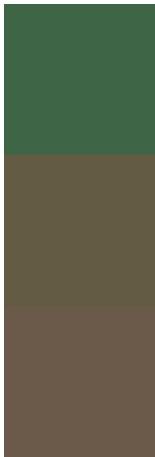
This preview shows how white text looks on a background with the YUV color 86.2180, -7.5025,

-20.3622.

# 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

86.2180, -7.5025, -20.3622

### Protanopia

91.2430, -11.9518, 6.8029

### Deuteranopia

92.6720, -9.2053, 12.5657



## Tritanopia

89.7250, 7.0376, -17.2988

# Trichromacy



## Original Color

86.2180, -7.5025, -20.3622

## Protanomaly

89.2310, -10.4669, -2.8336

## Deuteranomaly

90.1220, -8.4411, 0.7700

## Tritanomaly

88.0470, 1.9488, -18.4582

# Monochromacy



## Original Color

86.2180, -7.5025, -20.3622

## Achromatopsia

86.0000, 0.0000, 0.0000

## Achromatomaly

85.9730, -2.4517, -6.9923

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.2180, -7.5025, -20.3622 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(63, 101, 71)` looks like.

```
.text, #text, p{  
    color:rgb(63, 101, 71)  
}
```

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(63, 101, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 101, 71) }
```

## Border

The CSS property to change the border of an element to YUV 86.2180, -7.5025, -20.3622 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(63, 101, 71) }
```



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

```
.border{ border-color:rgb(63, 101, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 101, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 101, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 101, 71);  
box-shadow:4px 4px 4px 4px rgb(63, 101,  
71) }
```

# Background

The CSS property to change the background color of an element to YUV 86.2180, -7.5025, -20.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 101, 71) }
```

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

```
.background{ background-color: rgb(63, 101,  
71) }
```

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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