

# Converting Colors

YUV(97.7100, -13.6610, -5.0077)

Have a look what the booklet for  
YUV(97.7100, -13.6610, -5.0077)  
contains.

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# Color

**YUV(97.7100, -13.6610,  
-5.0077)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C6A46
RGB	92, 106, 70
RGB Percent	36%, 42%, 27%
CMY	0.6392, 0.5843, 0.7255
CMYK	0.13, 0.00, 0.34, 0.58
HSL	83°, 20%, 35%
HSV	83°, 34%, 42%
XYZ	10.6732, 13.0256, 7.7460
YIQ	97.7100, 3.2120, -14.1640

# Conversions

## Conversions Part 2

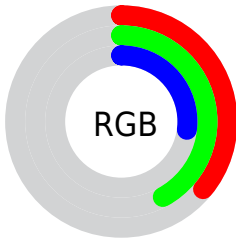
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 106, 84
Decimal	6056518
CIELab	42.80, -12.23, 18.51
CIELCh	43, 22.187, 123.455
Yxy	13.0256, 0.3394, 0.4142
Android (android.graphics.Color)	4284246598 (0xFF5C6A46)
YUV	97.7100, -13.6610, -5.0077
Hunter-Lab	36.0910, -10.3715, 12.5386

# Details

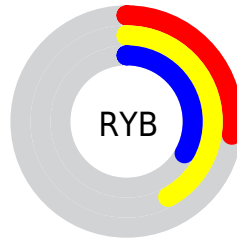
The YUV color **97.7100, -13.6610, -5.0077** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **78.2900, 13.6610, 5.0077**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4820, -14.5346, -4.8077**, and **51.0520, -12.3506, -5.3076** is the 20% darker color. If you saturate the color by 10%, you get **95.2600, -17.8762, -6.3670**, and if you desaturate by 10%, it is **100.1600, -9.4459, -3.6483**.

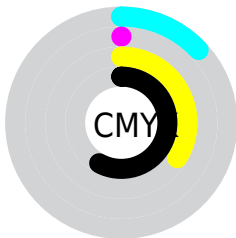
# Distribution



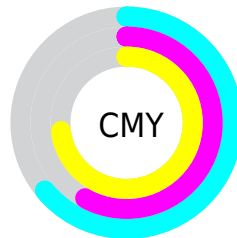
- Red (36%)
- Green (42%)
- Blue (27%)



- Red (27%)
- Yellow (42%)
- Blue (33%)



- Cyan (13%)
- Magenta (0%)
- Yellow (34%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.7100, -13.6610, -5.0077 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 97.7100, -13.6610, -5.0077 by changing the saturation by 10% instead.



■ 97.7100, -13.6610,  
-5.0077

■ 97.7100, -13.6610,  
-5.0077

■ 255.0000, 0.0000,  
0.0000

■ 73.8240, -13.2242,  
-5.1076

■ 148.4820,  
-14.5346, -4.8077

■ 51.0520, -12.3506,  
-5.3076

■ 174.9550,  
-15.2608, -5.2225

■ 29.1940, -14.3926,  
-3.6781

■ 202.8410,  
-15.6976, -5.1226

■ 9.9790, -4.9196,  
-8.7516

■ 230.7270,  
-16.1344, -5.0226

■ 0.0000, 0.0000,  
0.0000

■ 251.3950,  
-12.5197, 2.2846

■ 97.7100, -13.6610,  
-5.0077

■ 97.7100, -13.6610,  
-5.0077

■ 95.2600, -17.8762,  
-6.3670

■ 100.1600, -9.4459,  
-3.6483

■ 92.9240, -21.6545,  
-7.8263

■ 102.4960, -5.6675,  
-2.1890

■ 90.4740, -25.8697,  
-9.1857

■ 104.9460, -1.4524,  
-0.8296

■ 88.1380, -29.6480,  
-10.6450

■ 107.2820, 2.3260,  
0.6297

■ 85.3890, -33.7158,  
-12.6192

■ 110.0310, 6.3937,  
2.6038

■ 82.9390, -37.9309,  
-13.9785

■ 112.4810, 10.6089,  
3.9632

■ 81.6570, -40.2569,  
-14.6082

■ 114.8170, 14.3872,  
5.4225

■ 117.2670, 18.6024,

6.7818

■ 119.6030, 22.3807,  
8.2412

# Harmonies

## Analogous

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



100.0710, -17.7830, 10.4617



97.7100, -13.6610, -5.0077



95.0760, -5.4605, -21.9917

# Triad

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



97.7100, -13.6610, -5.0077



93.5190, 19.4641, -36.4122



103.1330, -1.5446, 28.8244

# Complementary

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



97.7100, -13.6610, -5.0077



78.2900, 13.6610, 5.0077

# 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.



103.9560, 6.9237, 19.3326



97.7100, -13.6610, -5.0077



99.4120, 18.5309, -17.0243

# Square

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



97.7100, -13.6610, -5.0077



89.7260, 15.4181, -45.3637



103.0940, 14.2507, 2.5486



102.2550, -9.9857, 29.5944



# Rectangle

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



97.7100, -13.6610, -5.0077



92.8450, 1.5554, -32.3131



103.0940, 14.2507, 2.5486



103.8060, 1.0816, 26.4801

# Sweetspot

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



97.7100, -13.6610, -5.0077



134.6100, -5.2307, -2.2890



88.9820, -9.3581, 14.9248



67.1910, -3.0522, -1.0445



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.



97.7100, -13.6610, -5.0077



124.9240, -21.6545, -7.8263



92.3280, -11.0077, -16.0737



52.4190, -2.1786, -1.2445



90.2070, -44.4721, -15.9675



188.6650, -93.0118, -33.9092



# Inverse Universe

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



78.2900, 13.6610, 5.0077



94.0760, 21.6545, 7.8263



83.6720, 11.0077, 16.0737



49.2820, 2.3260, 0.6297



27.0920, 44.3246, 16.5823



56.3350, 93.0118, 33.9092



# Previews

## White Background



This preview shows how the YUV color 97.7100, -13.6610, -5.0077 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 97.7100, -13.6610, -5.0077 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

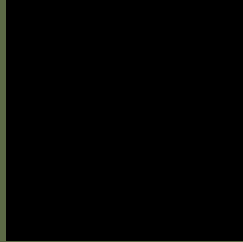
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 97.7100, -13.6610, -5.0077

## Background



This preview shows how black text looks on a background with the YUV color 97.7100, -13.6610, -5.0077.



This preview shows how white text looks on a background with the YUV color 97.7100, -13.6610,

-5.0077.

# 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

97.7100, -13.6610, -5.0077

### Protanopia

99.6300, -15.5936, 8.2175

### Deuteranopia

101.0270, -14.3103, 16.6393



## Tritanopia

100.7160, 4.0840, -3.2589

# Trichromacy



## Original Color

97.7100, -13.6610, -5.0077

## Protanomaly

99.1240, -14.8511, 3.3993

## Deuteranomaly

99.6840, -14.1412, 9.0471

## Tritanomaly

99.6960, -2.3151, -4.1184

# Monochromacy



## Original Color

97.7100, -13.6610, -5.0077

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

98.0230, -4.9413, -1.7742

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.7100, -13.6610, -5.0077 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(92, 106, 70)` looks like.

```
.text, #text, p{  
    color:rgb(92, 106, 70)  
}
```

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(92, 106, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 106, 70) }
```

## Border

The CSS property to change the border of an element to YUV 97.7100, -13.6610, -5.0077 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(92, 106, 70) }
```



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

```
.border{ border-color:rgb(92, 106, 70) }
```

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

Here you see how a box with a 4 pixel rgb(92, 106, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 106, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 106, 70);  
box-shadow:4px 4px 4px 4px rgb(92, 106,  
70) }
```

# Background

The CSS property to change the background color of an element to YUV 97.7100, -13.6610, -5.0077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 106, 70) }
```

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

```
.background{ background-color: rgb(92, 106,  
70) }
```

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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