

# Converting Colors

YUV(120.3540, -7.0765,  
-16.9735)

Have a look what the booklet for  
YUV(120.3540, -7.0765, -16.9735)  
contains.

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# Color

**YUV(120.3540, -7.0765,  
-16.9735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65856A
RGB	101, 133, 106
RGB Percent	40%, 52%, 42%
CMY	0.6039, 0.4784, 0.5843
CMYK	0.24, 0.00, 0.20, 0.48
HSL	129°, 14%, 46%
HSV	129°, 24%, 52%
XYZ	16.3559, 20.5824, 16.7464
YIQ	120.3540, -10.4050, -15.1810

# Conversions

## Conversions Part 2

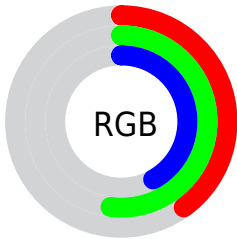
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 129, 133
Decimal	6653290
CIE <sub>Lab</sub>	52.49, -17.10, 10.93
CIE <sub>LCh</sub>	52, 20.297, 147.422
Yxy	20.5824, 0.3047, 0.3834
Android (android.graphics.Color)	4284843370 (0xFF65856A)
YUV	120.3540, -7.0765, -16.9735
Hunter-Lab	45.3678, -15.0413, 9.8720

# Details

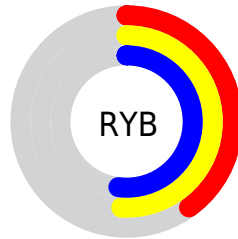
The YUV color  $120.3540, -7.0765, -16.9735$  is a dark color, and the websafe version is hex  $669966$ . A complement of this color would be  $113.6460, 7.0765, 16.9735$ , and the grayscale version is  $120.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $172.8270, -7.8027, -17.3883$ , and  $71.2940, -6.0609, -16.0438$  is the 20% darker color. If you saturate the color by 10%, you get  $115.2130, -9.9650, -23.8658$ , and if you desaturate by 10%, it is  $125.4950, -4.1880, -10.0811$ .

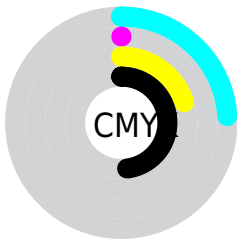
# Distribution



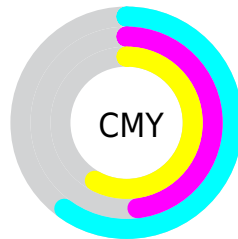
- Red (40%)
- Green (52%)
- Blue (42%)



- Red (40%)
- Yellow (51%)
- Blue (52%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (48%)



- Cyan (60%)
- Magenta (48%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 120.3540, -7.0765, -16.9735 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 120.3540, -7.0765, -16.9735 by changing the saturation by 10% instead.



■ 120.3540, -7.0765,  
-16.9735

■ 120.3540, -7.0765,  
-16.9735

■ 255.0000, 0.0000,  
0.0000

■ 95.7670, -6.7871,  
-16.4587

■ 172.8270, -7.8027,  
-17.3883

■ 71.2940, -6.0609,  
-16.0438

■ 200.1150, -7.9447,  
-18.5179

■ 48.7070, -5.7716,  
-15.5290

■ 228.1150, -7.9447,  
-18.5179

■ 26.8210, -5.3348,  
-15.6290

■ 247.6090, -3.7512,  
-10.1811

■ 9.3920, -4.6303,  
-8.2368

■ 0.0000, 0.0000,  
0.0000

■ 120.3540, -7.0765,  
-16.9735

■ 120.3540, -7.0765,  
-16.9735

■ 115.2130, -9.9650,  
-23.8658

■ 125.4950, -4.1880,  
-10.0811

■ 109.7730,  
-12.7061, -31.3729

■ 130.9350, -1.4470,  
-2.5740

■ 104.5180,  
-16.0314, -38.1653

■ 136.1900, 1.8783,  
4.2184

■ 99.3770, -18.9199,  
-45.0576

■ 141.3310, 4.7668,  
11.1107

■ 93.9370, -21.6609,  
-52.5647

■ 146.7710, 7.5079,  
18.6178

■ 88.7960, -24.5494,  
-59.4571

■ 151.9120, 10.3964,  
25.5102

■ 83.5410, -27.8747,  
-66.2495

■ 157.1670, 13.7217,  
32.3025

■ 80.4650, -29.3162,

■ 162.3080, 16.6102,

-70.5678

39.1949

■ 167.7480, 19.3512,  
46.7020

# Harmonies

## Analogous

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



122.6180, -14.1087, -1.4190



120.3540, -7.0765, -16.9735



118.0840, 2.4236, -30.7687

# Triad

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



120.3540, -7.0765, -16.9735



123.2870, 18.0995, -18.6687



127.2980, -8.5279, 28.6797

# Complementary

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



120.3540, -7.0765, -16.9735



113.6460, 7.0765, 16.9735

# 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.



128.0510, -0.5181, 26.2653



120.3540, -7.0765, -16.9735



126.4850, 14.5509, -0.4253

# Square

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



120.3540, -7.0765, -16.9735



119.2590, 17.1273, -33.5531



128.1620, 7.8081, 15.6439



126.0710, -14.3320, 23.6167



# Rectangle

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



120.3540, -7.0765, -16.9735



117.0600, 8.8444, -36.8866



128.1620, 7.8081, 15.6439



127.6940, -5.7651, 29.2094

# Sweetspot

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



120.3540, -7.0765, -16.9735



168.2720, -2.5991, -6.3775



127.8570, -13.2405, 0.1254



84.2230, -1.5889, -3.7036



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



120.3540, -7.0765, -16.9735



153.2620, -10.9752, -26.5398



122.1780, -0.0878, -18.5731



63.6360, -1.2995, -3.1888



78.5900, -28.8849, -68.9234



1.7610, -0.8682, -1.5444



# Inverse Universe

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



113.6460, 7.0765, 16.9735



142.8520, 11.4120, 26.4398



111.8220, 0.0878, 18.5731



62.3640, 1.2995, 3.1888



51.4100, 28.8849, 68.9234



1.1250, 0.4314, 1.6444



# Previews

## White Background



This preview shows how the YUV color 120.3540, -7.0765, -16.9735 looks on a white 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



# Black Background



This preview shows how the YUV color 120.3540, -7.0765, -16.9735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

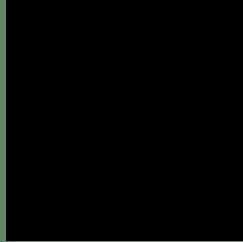
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 120.3540, -7.0765, -16.9735

## Background



This preview shows how black text looks on a background with the YUV color 120.3540, -7.0765, -16.9735.



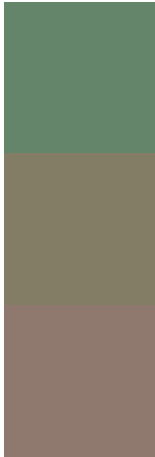
This preview shows how white text looks on a background with the YUV color 120.3540, -7.0765, -16.9735.

-16.9735.

# 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

120.3540, -7.0765, -16.9735

### Protanopia

124.4710, -11.0782, 6.6029

### Deuteranopia

125.6230, -8.1951, 15.2396



## Tritanopia

123.5620, 7.6109, -14.5249

# Trichromacy



## Original Color

120.3540, -7.0765, -16.9735

## Protanomaly

123.0570, -9.8881, -1.8040

## Deuteranomaly

123.9590, -7.8678, 3.5440

## Tritanomaly

122.1830, 2.3748, -15.0695

# Monochromacy



## Original Color

120.3540, -7.0765, -16.9735

## Achromatopsia

120.0000, 0.0000, 0.0000

## Achromatomaly

120.2720, -2.5991, -6.3775

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.3540, -7.0765, -16.9735 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(101, 133, 106)` looks like.

```
.text, #text, p{  
    color:rgb(101, 133, 106)  
}
```

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(101, 133, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 133, 106) }
```

## Border

The CSS property to change the border of an element to YUV 120.3540, -7.0765, -16.9735 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(101, 133, 106) }
```



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

```
.border{ border-color:rgb(101, 133, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 133, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 133, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 133, 106);  
box-shadow:4px 4px 4px 4px rgb(101, 133,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 120.3540, -7.0765, -16.9735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 133, 106) }
```

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

```
.background{ background-color: rgb(101,  
133, 106) }
```

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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