

# Converting Colors

YUV(135.7050, -20.0676,  
-97.0883)

Have a look what the booklet for  
YUV(135.7050, -20.0676, -97.0883)  
contains.

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# Color

**YUV(135.7050, -20.0676,  
-97.0883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19C85F
RGB	25, 200, 95
RGB Percent	10%, 78%, 37%
CMY	0.9020, 0.2157, 0.6275
CMYK	0.88, 0.00, 0.53, 0.22
HSL	144°, 78%, 44%
HSV	144°, 88%, 78%
XYZ	23.1207, 42.3414, 17.7806
YIQ	135.7050, -70.5950, -69.7550

# Conversions

## Conversions Part 2

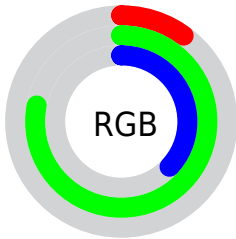
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 150, 200
Decimal	1689695
CIELab	71.11, -63.33, 40.86
CIELCh	71, 75.373, 147.169
Yxy	42.3414, 0.2778, 0.5087
Android (android.graphics.Color)	4279879775 (0xFF19C85F)
YUV	135.7050, -20.0676, -97.0883
Hunter-Lab	65.0703, -50.4485, 29.3481

# Details

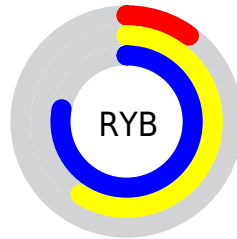
The YUV color **135.7050, -20.0676, -97.0883** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **89.2950, 20.0676, 97.0883**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2510, -24.7737, -80.9041**, and **89.5440, -22.4532, -78.5301** is the 20% darker color. If you saturate the color by 10%, you get **128.3570, -22.3610, -108.1841**, and if you desaturate by 10%, it is **143.0530, -17.7741, -85.9925**.

# Distribution



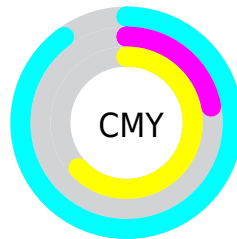
- Red (10%)
- Green (78%)
- Blue (37%)



- Red (10%)
- Yellow (59%)
- Blue (78%)



- Cyan (88%)
- Magenta (0%)
- Yellow (53%)
- Black (22%)



- Cyan (90%)
- Magenta (22%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.7050, -20.0676, -97.0883 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 135.7050, -20.0676, -97.0883 by changing the saturation by 10% instead.



■ 135.7050,  
-20.0676, -97.0883

■ 135.7050,  
-20.0676, -97.0883

■ 255.0000, 0.0000,  
0.0000

■ 108.9440,  
-19.1994, -95.5439

■ 198.2510,  
-24.7737, -80.9041

■ 89.5440, -22.4532,  
-78.5301

■ 210.8970,  
-17.6972, -63.9307

■ 71.2040, -26.7226,  
-62.4459

■ 223.3580,  
-10.0365, -47.6720

■ 54.0040, -26.6240,  
-47.3615

■ 235.5200, -2.2284,  
-32.0280

■ 38.7420, -19.0998,  
-33.9767

■ 247.5250, 3.6852,  
-15.3694

■ 25.2410, -12.4438,  
-22.1364

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,  
0.0000

■ 135.7050,  
-20.0676, -97.0883

■ 135.7050,  
-20.0676, -97.0883

■ 128.3570,  
-22.3610, -108.1841

■ 143.0530,  
-17.7741, -85.9925

■ 126.5200,  
-22.9344, -110.9580

■ 150.4010,  
-15.4807, -74.8967

■ 157.7490,  
-13.1873, -63.8009

■ 165.0970,  
-10.8938, -52.7051

■ 172.4450, -8.6004,  
-41.6093

■ 179.7930, -6.3069,  
-30.5135

■ 187.1410, -4.0135,  
-19.4177

■ 194.4890, -1.7201,  
-8.3219

■ 201.8370, 0.5734,  
2.7740

# Harmonies

## Analogous

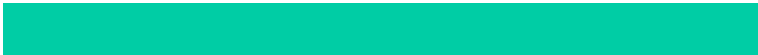
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



157.4300, -62.8230, -10.0241



135.7050, -20.0676, -97.0883



139.1450, 12.7465, -122.0302

# Triad

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



135.7050, -20.0676, -97.0883



137.0780, 58.1355, -120.2174



155.8000, -19.6214, 86.9984

# Complementary

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



135.7050, -20.0676, -97.0883



89.2950, 20.0676, 97.0883

# 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.



158.8560, 12.3960, 84.3183



135.7050, -20.0676, -97.0883



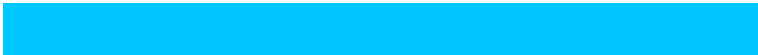
170.2430, 41.7852, -8.9831

# Square

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



135.7050, -20.0676, -97.0883



145.8830, 53.7947, -127.9394



177.7990, 35.5951, 63.3203



165.2820, -54.3690, 78.6827

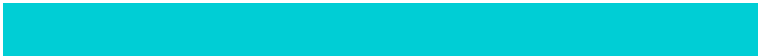


# Rectangle

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



135.7050, -20.0676, -97.0883



145.2040, 33.4234, -127.3439



177.7990, 35.5951, 63.3203



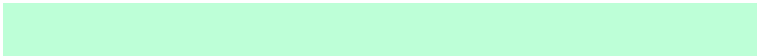
154.7860, -8.2755, 87.8877

# Sweetspot

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



135.7050, -20.0676, -97.0883



230.7060, -7.7431, -36.5762



159.1200, -66.1212, -25.5382



113.3040, -4.5869, -22.1916



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



135.7050, -20.0676, -97.0883



161.3130, -29.2413, -141.4715



145.7370, 18.3707, -105.8863



95.6250, -1.2941, -4.9331



103.0910, -18.7789, -90.4108



22.7280, -4.3029, -19.9325



# Inverse Universe

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



89.2950, 20.0676, 97.0883



93.6870, 29.2413, 141.4715



79.3770, -17.9339, 105.7864



93.2610, 0.8573, 5.0331



59.9090, 18.7789, 90.4108



13.1580, 3.8661, 20.0324



# Previews

## White Background



This preview shows how the YUV color 135.7050, -20.0676, -97.0883 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 135.7050, -20.0676, -97.0883 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 ✓ Pass

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

# YUV 135.7050, -20.0676, -97.0883 Background



This preview shows how black text looks on a background with the YUV color 135.7050, -20.0676, -97.0883.



This preview shows how white text looks on a background with the YUV color 135.7050, -20.0676, -97.0883.

-97.0883.

# 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

135.7050, -20.0676, -97.0883

### Protanopia

168.4640, -40.6548, 19.7641

### Deuteranopia

171.2020, -33.1306, 33.1488



## Tritanopia

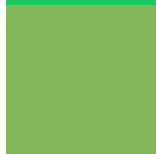
157.5320, 22.9087, -67.9956

# Trichromacy



## Original Color

135.7050, -20.0676, -97.0883



## Protanomaly

156.7360, -33.3938, -22.5705



## Deuteranomaly

158.4580, -28.3268, -14.4337



## Tritanomaly

149.3400, 7.2274, -78.3512

# Monochromacy



## Original Color

135.7050, -20.0676, -97.0883



## Achromatopsia

136.0000, 0.0000, 0.0000



## Achromatomaly

135.8310, -7.3117, -34.9318

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.7050, -20.0676, -97.0883 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(25, 200, 95)` looks like.

```
.text, #text, p{  
    color:rgb(25, 200, 95)  
}
```

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(25, 200, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 200, 95) }
```

## Border

The CSS property to change the border of an element to YUV 135.7050, -20.0676, -97.0883 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(25, 200, 95) }
```



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

```
.border{ border-color:rgb(25, 200, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 200, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 200, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 200, 95);  
box-shadow:4px 4px 4px 4px rgb(25, 200,  
95) }
```

# Background

The CSS property to change the background color of an element to YUV 135.7050, -20.0676, -97.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 200, 95) }
```

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

```
.background{ background-color: rgb(25, 200,  
95) }
```

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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