

# Converting Colors

YUV(161.7930, 3.5531,  
-66.4705)

Have a look what the booklet for  
YUV(161.7930, 3.5531, -66.4705)  
contains.

<b>YUV(161.7930, 3.5531, -66.4705)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(161.7930, 3.5531,  
-66.4705)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56C7A9
RGB	86, 199, 169
RGB Percent	34%, 78%, 66%
CMY	0.6627, 0.2196, 0.3373
CMYK	0.57, 0.00, 0.15, 0.22
HSL	164°, 50%, 56%
HSV	164°, 57%, 78%
XYZ	31.4226, 45.6899, 44.6990
YIQ	161.7930, -57.7180, -33.2860

# Conversions

## Conversions Part 2

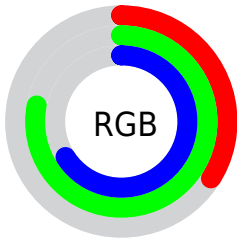
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 151, 199
Decimal	5687209
CIELab	73.34, -39.37, 5.40
CIElCh	73, 39.740, 172.192
Yxy	45.6899, 0.2580, 0.3751
Android (android.graphics.Color)	4283877289 (0xFF56C7A9)
YUV	161.7930, 3.5531, -66.4705
Hunter-Lab	67.5943, -35.3105, 8.1085

# Details

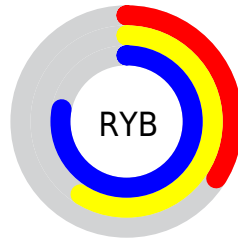
The YUV color **161.7930, 3.5531, -66.4705** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **123.2070, -3.5531, 66.4705**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5760, 2.6740, -64.5262**, and **99.0620, 8.8434, -83.3694** is the 20% darker color. If you saturate the color by 10%, you get **155.2430, 4.3172, -78.2661**, and if you desaturate by 10%, it is **168.3430, 2.7889, -54.6748**.

# Distribution



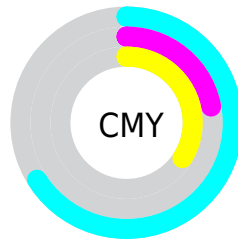
- Red (34%)
- Green (78%)
- Blue (66%)



- Red (34%)
- Yellow (59%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 161.7930, 3.5531, -66.4705 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 161.7930, 3.5531, -66.4705 by changing the saturation by 10% instead.



■ 161.7930, 3.5531,  
-66.4705

■ 161.7930, 3.5531,  
-66.4705

255.0000, 0.0000,  
0.0000

■ 132.8250, 5.0163,  
-69.1295

■ 218.5760, 2.6740,  
-64.5262

■ 99.0620, 8.8434,  
-83.3694

■ 230.5530, 11.0664,  
-49.5970

■ 79.7540, 6.0373,  
-69.9443

■ 239.4520, 7.6652,  
-31.9684

■ 62.4570, 3.2257,  
-54.7748

■ 248.4220, 3.2430,  
-13.5251

■ 45.2740, 0.8509,  
-39.7053

■ 29.3790, -1.6658,  
-25.7654

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,  
0.0000

■ 161.7930, 3.5531,  
-66.4705

■ 161.7930, 3.5531,  
-66.4705

■ 155.2430, 4.3172,  
-78.2661

■ 168.3430, 2.7889,  
-54.6748

■ 148.5790, 4.6446,  
-89.9618

■ 175.0070, 2.4615,  
-42.9791

■ 142.0290, 5.4087,  
-101.7574

■ 181.5570, 1.6974,  
-31.1835

■ 135.4790, 6.1729,  
-113.5531

■ 188.1070, 0.9332,  
-19.3878

■ 133.4570, 6.1837,  
-117.0418

■ 194.6570, 0.1691,  
-7.5922

■ 201.0220, -0.0108,  
3.4887

■ 207.5720, -0.7750,  
15.2844

■ 214.1220, -1.5391,  
27.0800

■ 217.7960, -0.3924,  
32.6279

# Harmonies

## Analogous

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



169.8070, -17.6529, -31.4027



161.7930, 3.5531, -66.4705



148.3700, 28.4116, -106.4415

# Triad

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



161.7930, 3.5531, -66.4705



181.1260, 32.4759, -9.7575



180.6910, -27.9487, 51.1370

# Complementary

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



161.7930, 3.5531, -66.4705



123.2070, -3.5531, 66.4705

# 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.



182.4160, -14.0091, 60.1482



161.7930, 3.5531, -66.4705



185.0400, 19.7003, 28.0289

# Square

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



161.7930, 3.5531, -66.4705



171.3870, 39.7422, -53.8364



184.5410, 3.1843, 52.1455



178.7240, -34.8669, 30.0601



# Rectangle

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



161.7930, 3.5531, -66.4705



146.7140, 40.0740, -113.7592



184.5410, 3.1843, 52.1455



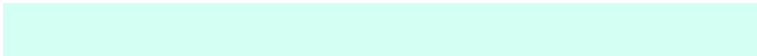
181.1630, -23.7444, 55.9850

# Sweetspot

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



161.7930, 3.5531, -66.4705



240.7750, 1.0969, -25.2357



161.3010, -37.1234, -39.7290



119.4280, 0.7750, -15.2844



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.



161.7930, 3.5531, -66.4705



198.0290, 5.4087, -101.7574



149.9510, 24.1812, -56.0850



96.0810, 0.4531, -5.3330



109.3610, 5.2450, -95.9096



24.0960, 0.9387, -21.1322



# Inverse Universe

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



123.2070, -3.5531, 66.4705



138.9710, -5.4087, 101.7574



135.0490, -24.1812, 56.0850



92.9190, -0.4531, 5.3330



53.6390, -5.2450, 95.9096

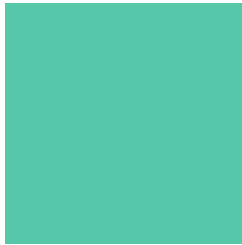


11.7900, -1.3755, 21.2322



# Previews

## White Background



This preview shows how the YUV color 161.7930, 3.5531, -66.4705 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 161.7930, 3.5531, -66.4705 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

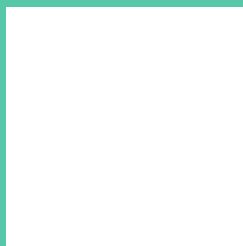
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 161.7930, 3.5531, -66.4705

## Background



This preview shows how black text looks on a background with the YUV color 161.7930, 3.5531, -66.4705.



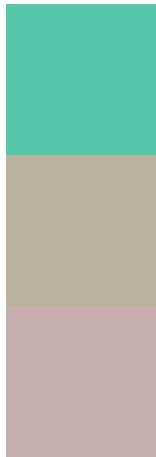
This preview shows how white text looks on a background with the YUV color 161.7930, 3.5531,

-66.4705.

# 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

161.7930, 3.5531, -66.4705

### Protanopia

178.4110, -10.0626, 7.5326

### Deuteranopia

180.7030, -2.8116, 15.1695



## Tritanopia

167.0170, 20.6976, -58.7739

# Trichromacy



## Original Color

161.7930, 3.5531, -66.4705



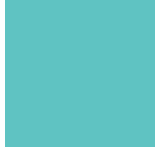
## Protanomaly

172.5000, -5.1765, -19.7325



## Deuteranomaly

173.4990, -0.2460, -14.4696



## Tritanomaly

164.9860, 14.3039, -61.3777

# Monochromacy



## Original Color

161.7930, 3.5531, -66.4705



## Achromatopsia

162.0000, 0.0000, 0.0000



## Achromatomaly

161.6010, 1.6757, -24.2061

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 161.7930, 3.5531, -66.4705 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(86, 199, 169)` looks like.

```
.text, #text, p{  
    color:rgb(86, 199, 169)  
}
```

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(86, 199, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 199, 169) }
```

## Border

The CSS property to change the border of an element to YUV 161.7930, 3.5531, -66.4705 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(86, 199, 169) }
```



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

```
.border{ border-color:rgb(86, 199, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 199, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 199, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 199, 169);  
box-shadow:4px 4px 4px 4px rgb(86, 199,  
169) }
```

# Background

The CSS property to change the background color of an element to YUV 161.7930, 3.5531, -66.4705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 199, 169) }
```

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

```
.background{ background-color: rgb(86, 199,  
169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor