

# Converting Colors

YUV(165.7080, 5.5670,  
-105.8609)

Have a look what the booklet for  
YUV(165.7080, 5.5670, -105.8609)  
contains.

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# Color

**YUV(165.7080, 5.5670,  
-105.8609)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DE1B1
RGB	45, 225, 177
RGB Percent	18%, 88%, 69%
CMY	0.8235, 0.1176, 0.3059
CMYK	0.80, 0.00, 0.21, 0.12
HSL	164°, 75%, 53%
HSV	164°, 80%, 88%
XYZ	35.9432, 57.5826, 50.8151
YIQ	165.7080, -91.8720, -53.0880

# Conversions

## Conversions Part 2

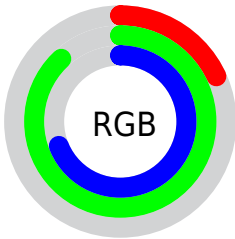
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 149, 225
Decimal	3006897
CIELab	80.51, -54.40, 11.26
CIELCh	81, 55.554, 168.310
Yxy	57.5826, 0.2490, 0.3989
Android (android.graphics.Color)	4281196977 (0xFF2DE1B1)
YUV	165.7080, 5.5670, -105.8609
Hunter-Lab	75.8832, -48.2465, 13.4148

# Details

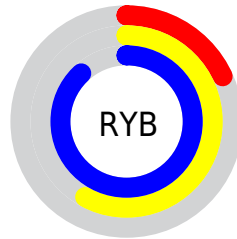
The YUV color **165.7080, 5.5670, -105.8609** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **104.2920, -5.5670, 105.8609**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4260, 10.1430, -80.1806**, and **113.3390, 5.2559, -99.3983** is the 20% darker color. If you saturate the color by 10%, you get **158.1470, 6.3365, -119.4009**, and if you desaturate by 10%, it is **173.2690, 4.7974, -92.3209**.

# Distribution



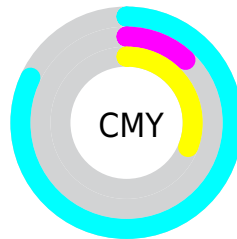
- Red (18%)
- Green (88%)
- Blue (69%)



- Red (18%)
- Yellow (58%)
- Blue (88%)



- Cyan (80%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (82%)
- Magenta (12%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.7080, 5.5670, -105.8609 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 165.7080, 5.5670, -105.8609 by changing the saturation by 10% instead.



■ 165.7080, 5.5670,  
-105.8609

■ 165.7080, 5.5670,  
-105.8609

■ 255.0000, 0.0000,  
0.0000

■ 132.1520, 8.7991,  
-115.8973

■ 212.4260, 10.1430,  
-80.1806

■ 113.3390, 5.2559,  
-99.3983

■ 224.5020, 15.0355,  
-62.7073

■ 94.0530, 2.4389,  
-82.4845

■ 234.0700, 10.3185,  
-43.0344

■ 76.1690, -0.0833,  
-66.8002

■ 243.3390, 5.7489,  
-23.9763

■ 58.2850, -2.6055,  
-51.1159

■ 252.6080, 1.1793,  
-4.9182

■ 41.1020, -4.9803,  
-36.0465

■ 25.0930, -7.9338,

-22.0066

■ 1.7610, -0.8682,  
-1.5444

■ 0.0000, 0.0000,  
0.0000

■ 165.7080, 5.5670,  
-105.8609

■ 165.7080, 5.5670,  
-105.8609

■ 158.1470, 6.3365,  
-119.4009


■ 173.2690, 4.7974,  
-92.3209


■ 150.8850, 6.9587,  
-132.3261

■ 180.5310, 4.1752,  
-79.3957


■ 188.0920, 3.4056,  
-65.8557


■ 195.3540, 2.7835,  
-52.9305

 202.6160, 2.1613,  
-40.0052

 210.1770, 1.3917,  
-26.4652

 217.7380, 0.6222,  
-12.9252

 225.0000, 0.0000,  
0.0000

 232.5610, -0.7696,  
13.5400

# Harmonies

## Analogous

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



185.0050, -28.1035, -39.4694



165.7080, 5.5670, -105.8609



158.9960, 35.4980, -139.4395

# Triad

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



165.7080, 5.5670, -105.8609



194.0770, 30.0350, -20.2385



190.7580, -32.9117, 56.3402

# Complementary

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



165.7080, 5.5670, -105.8609



104.2920, -5.5670, 105.8609

# 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.



188.3710, -9.0569, 58.4336



165.7080, 5.5670, -105.8609



204.1640, 25.0621, 34.9362

# Square

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



165.7080, 5.5670, -105.8609



163.6910, 45.0153, -111.9850



194.8860, 13.3672, 52.7200



196.6260, -49.6086, 45.0550

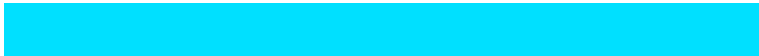


# Rectangle

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



165.7080, 5.5670, -105.8609



160.5580, 46.5599, -140.8094



194.8860, 13.3672, 52.7200



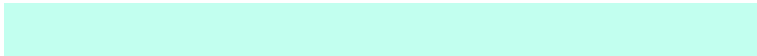
188.8320, -25.0602, 58.0293

# Sweetspot

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



165.7080, 5.5670, -105.8609



234.9370, 2.0031, -35.9017



165.0120, -59.1659, -63.1545



115.7970, 1.0861, -21.7470



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.



165.7080, 5.5670, -105.8609



174.3350, 7.7228, -144.1218



146.5260, 38.6877, -89.0383



108.3690, 0.3111, -6.4626



118.0180, 5.4141, -103.5018



32.2800, 1.8340, -28.3096



# Inverse Universe

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



104.2920, -5.5670, 105.8609



90.6650, -7.7228, 144.1218



123.4740, -38.6877, 89.0383



104.6310, -0.3111, 6.4626



57.9820, -5.4141, 103.5018

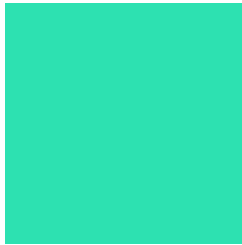


15.8340, -1.3972, 28.2096



# Previews

## White Background



This preview shows how the YUV color 165.7080, 5.5670, -105.8609 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 165.7080, 5.5670, -105.8609 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

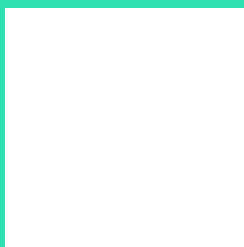
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 165.7080, 5.5670, -105.8609

## Background



This preview shows how black text looks on a background with the YUV color 165.7080, 5.5670, -105.8609.



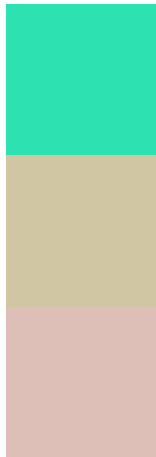
This preview shows how white text looks on a background with the YUV color 165.7080, 5.5670,

-105.8609.

# 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

165.7080, 5.5670, -105.8609

### Protanopia

197.2990, -16.9094, 10.2618

### Deuteranopia

199.4710, -7.6272, 19.7579



## Tritanopia

178.0890, 28.0571, -86.0241

# Trichromacy



## Original Color

165.7080, 5.5670, -105.8609



## Protanomaly

185.7990, -8.7749, -32.2727



## Deuteranomaly

187.0370, -2.9762, -25.4654



## Tritanomaly

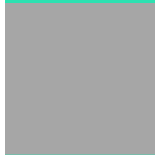
173.5690, 19.9325, -93.4610

# Monochromacy



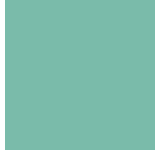
## Original Color

165.7080, 5.5670, -105.8609



## Achromatopsia

166.0000, 0.0000, 0.0000



## Achromatomaly

165.6270, 2.1559, -38.2609

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.7080, 5.5670, -105.8609 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(45, 225, 177)` looks like.

```
.text, #text, p{  
    color:rgb(45, 225, 177)  
}
```

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(45, 225, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 225, 177) }
```

## Border

The CSS property to change the border of an element to YUV 165.7080, 5.5670, -105.8609 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(45, 225, 177) }
```



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

```
.border{ border-color:rgb(45, 225, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 225, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 225, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 225, 177);  
box-shadow:4px 4px 4px 4px rgb(45, 225,  
177) }
```

# Background

The CSS property to change the background color of an element to YUV 165.7080, 5.5670, -105.8609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 225, 177) }
```

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

```
.background{ background-color: rgb(45, 225,  
177) }
```

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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