

# Converting Colors

YUV(173.6540, -2.2944,  
-57.5786)

Have a look what the booklet for  
YUV(173.6540, -2.2944, -57.5786)  
contains.

<b>YUV(173.6540, -2.2944, -57.5786)</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(173.6540, -2.2944,  
-57.5786)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CD0A9
RGB	108, 208, 169
RGB Percent	42%, 82%, 66%
CMY	0.5765, 0.1843, 0.3373
CMYK	0.48, 0.00, 0.19, 0.18
HSL	157°, 52%, 62%
HSV	157°, 48%, 82%
XYZ	35.9016, 51.1645, 45.5196
YIQ	173.6540, -47.0810, -33.3290

# Conversions

## Conversions Part 2

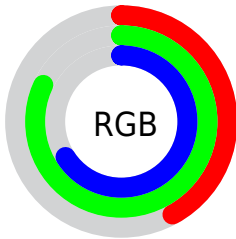
Format	Color
<a href="#">RYB</a>	<a href="#">108, 170, 208</a>
Decimal	<a href="#">7131305</a>
CIELab	<a href="#">76.78, -38.47, 10.42</a>
CIELCh	<a href="#">77, 39.859, 164.851</a>
Yxy	<a href="#">51.1645, 0.2708, 0.3859</a>
Android (android.graphics.Color)	<a href="#">4285321385 (0xFF6CD0A9)</a>
YUV	<a href="#">173.6540, -2.2944, -57.5786</a>
Hunter-Lab	<a href="#">71.5293, -35.5845, 12.3397</a>

# Details

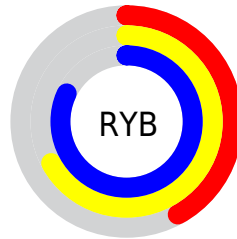
The YUV color **173.6540, -2.2944, -57.5786** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **142.3460, 2.2944, 57.5786**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5560, -0.2741, -52.2306**, and **117.8000, -0.3944, -60.3376** is the 20% darker color. If you saturate the color by 10%, you get **166.4630, -2.6933, -69.6891**, and if you desaturate by 10%, it is **180.8450, -1.8956, -45.4681**.

# Distribution



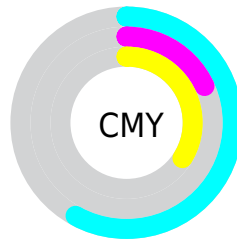
- Red (42%)
- Green (82%)
- Blue (66%)



- Red (42%)
- Yellow (67%)
- Blue (82%)



- Cyan (48%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.6540, -2.2944, -57.5786 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 173.6540, -2.2944, -57.5786 by changing the saturation by 10% instead.



 173.6540, -2.2944,  
-57.5786

 173.6540, -2.2944,  
-57.5786


255.0000, 0.0000,  
0.0000


 145.5830, -1.2734,  
-58.3933


 224.5560, -0.2741,  
-52.2306


 117.8000, -0.3944,  
-60.3376


 236.2340, 8.2656,  
-37.9162


 85.9340, 2.9905,  
-72.7331

 245.4320, 4.7170,  
-19.6729

 67.1530, 0.9106,  
-58.8932

 254.1030, 0.4422,  
-1.8443

 49.8560, -1.9010,  
-43.7237

 33.3740, -4.1284,  
-29.2690

 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,  
0.0000

■ 173.6540, -2.2944,  
-57.5786

■ 173.6540, -2.2944,  
-57.5786

■ 166.4630, -2.6933,  
-69.6891

■ 180.8450, -1.8956,  
-45.4681

■ 159.2720, -3.0921,  
-81.7995

■ 188.0360, -1.4967,  
-33.3576

■ 152.3800, -3.6383,  
-93.2953

■ 194.9280, -0.9505,  
-21.8619

■ 145.1890, -4.0372,  
-105.4058


■ 202.1190, -0.5517,  
-9.7514


■ 137.8840, -4.8728,  
-117.4163

■ 209.4240, 0.2840,  
2.2592

 136.5740, -4.7200,  
-119.7754

 216.6150, 0.6828,  
14.3696

 223.8060, 1.0816,  
26.4801

 225.0170, 4.4286,  
26.2951

 225.9290, 7.9230,  
25.4953

# Harmonies

## Analogous

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



180.7110, -22.0425, -23.4255



173.6540, -2.2944, -57.5786



163.6230, 21.3849, -92.6314

# Triad

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



173.6540, -2.2944, -57.5786



188.4730, 32.7978, -19.7088



190.9950, -25.6335, 55.2554

# Complementary

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



173.6540, -2.2944, -57.5786



142.3460, 2.2944, 57.5786

# 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.



190.3600, -9.0515, 56.6893



173.6540, -2.2944, -57.5786



194.0220, 23.6532, 20.1517

# Square

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



173.6540, -2.2944, -57.5786



176.9790, 38.4644, -64.0026



194.3710, 7.7051, 48.7866



188.5830, -34.3044, 36.3227



# Rectangle

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



173.6540, -2.2944, -57.5786



159.6780, 34.6687, -106.7116



194.3710, 7.7051, 48.7866



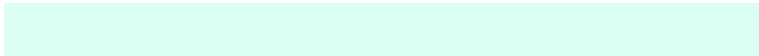
190.0860, -20.2554, 56.9296

# Sweetspot

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



173.6540, -2.2944, -57.5786



242.6400, -0.8085, -20.7323



178.6600, -34.8354, -26.8888



120.3960, -0.6882, -12.6253



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.



173.6540, -2.2944, -57.5786



204.1360, -3.5180, -85.1883



172.2300, 17.6346, -56.3297



101.1410, -0.5625, -6.2627



110.3580, -3.6275, -96.7840



26.9170, -0.9451, -23.6062



# Inverse Universe

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



142.3460, 2.2944, 57.5786



157.8640, 3.5180, 85.1883



143.7700, -17.6346, 56.3297



97.7450, 0.1257, 6.3626



57.7560, 4.0643, 96.6840



14.0830, 0.9451, 23.6062



# Previews

## White Background



This preview shows how the YUV color 173.6540, -2.2944, -57.5786 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

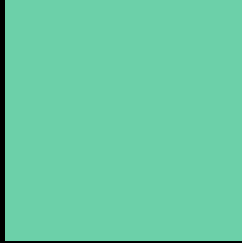
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.6540, -2.2944, -57.5786 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

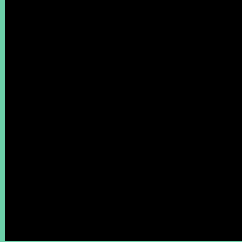
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 173.6540, -2.2944, -57.5786

## Background



This preview shows how black text looks on a background with the YUV color 173.6540, -2.2944, -57.5786.



This preview shows how white text looks on a background with the YUV color 173.6540, -2.2944, -57.5786.

-57.5786.

# 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

173.6540, -2.2944, -57.5786

### Protanopia

187.6840, -14.1412, 9.0471

### Deuteranopia

190.1720, -7.4798, 19.1432



## Tritanopia

179.0180, 19.2181, -50.8818

# Trichromacy



## Original Color

173.6540, -2.2944, -57.5786



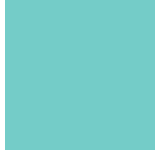
## Protanomaly

182.3820, -9.5553, -15.2440



## Deuteranomaly

183.8650, -5.3564, -8.6516



## Tritanomaly

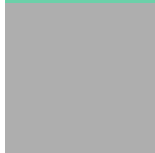
177.2320, 11.2246, -53.7005

# Monochromacy



## Original Color

173.6540, -2.2944, -57.5786



## Achromatopsia

174.0000, 0.0000, 0.0000



## Achromatomaly

173.6400, -0.8085, -20.7323

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.6540, -2.2944, -57.5786 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(108, 208, 169)` looks like.

```
.text, #text, p{  
    color:rgb(108, 208, 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(108, 208, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 208, 169) }
```

## Border

The CSS property to change the border of an element to YUV 173.6540, -2.2944, -57.5786 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(108, 208, 169) }
```



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

```
.border{ border-color:rgb(108, 208, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 208, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 208, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 208, 169);  
box-shadow:4px 4px 4px 4px rgb(108, 208,  
169) }
```

# Background

The CSS property to change the background color of an element to YUV 173.6540, -2.2944, -57.5786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 208, 169) }
```

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

```
.background{ background-color: rgb(108,  
208, 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](#).

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