

# Converting Colors

YUV(173.3670, -7.0829,  
-61.7119)

Have a look what the booklet for  
YUV(173.3670, -7.0829, -61.7119)  
contains.

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# Color

**YUV(173.3670, -7.0829,  
-61.7119)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67D49F
RGB	103, 212, 159
RGB Percent	40%, 83%, 62%
CMY	0.5961, 0.1686, 0.3765
CMYK	0.51, 0.00, 0.25, 0.17
HSL	151°, 56%, 62%
HSV	151°, 51%, 83%
XYZ	35.3950, 52.4737, 41.0638
YIQ	173.3670, -47.9510, -39.5910

# Conversions

## Conversions Part 2

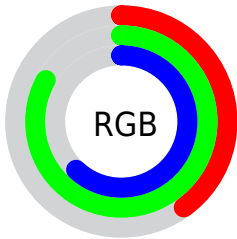
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 175, 212</a>
Decimal	<a href="#">6804639</a>
CIELab	<a href="#">77.56, -43.56, 16.82</a>
CIELCh	<a href="#">78, 46.698, 158.891</a>
Yxy	<a href="#">52.4737, 0.2745, 0.4070</a>
Android (android.graphics.Color)	<a href="#">4284994719 (0xFF67D49F)</a>
YUV	<a href="#">173.3670, -7.0829, -61.7119</a>
Hunter-Lab	<a href="#">72.4388, -39.5492, 17.0970</a>

# Details

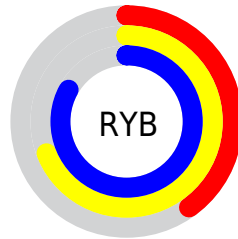
The YUV color **173.3670, -7.0829, -61.7119** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **141.6330, 7.0829, 61.7119**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9210, -3.9051, -54.3047**, and **116.6160, -4.7407, -66.3152** is the 20% darker color. If you saturate the color by 10%, you get **165.9480, -8.3554, -73.6224**, and if you desaturate by 10%, it is **180.7860, -5.8105, -49.8013**.

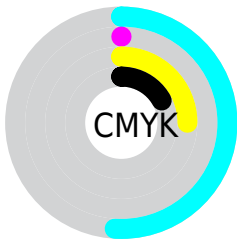
# Distribution



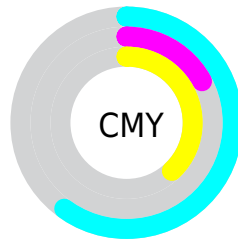
- Red (40%)
- Green (83%)
- Blue (62%)



- Red (40%)
- Yellow (69%)
- Blue (83%)



- Cyan (51%)
- Magenta (0%)
- Yellow (25%)
- Black (17%)



- Cyan (60%)
- Magenta (17%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.3670, -7.0829, -61.7119 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 173.3670, -7.0829, -61.7119 by changing the saturation by 10% instead.





 173.3670, -7.0829,  
-61.7119

 173.3670, -7.0829,  
-61.7119


255.0000, 0.0000,  
0.0000


 145.2960, -6.0619,  
-62.5266


 221.9210, -3.9051,  
-54.3047


 116.6160, -4.7407,  
-66.3152


 233.7840, 4.0505,  
-39.2756


 85.7720, -1.3666,  
-75.2220

 244.2360, 5.3067,  
-22.1320

 67.8880, -3.8888,  
-59.5378

 253.2060, 0.8844,  
-3.6887

 50.7050, -6.2636,  
-44.4683

 34.2230, -8.4909,  
-30.0136

 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,  
0.0000

■ 173.3670, -7.0829,  
-61.7119

■ 173.3670, -7.0829,  
-61.7119

■ 165.9480, -8.3554,  
-73.6224

■ 180.7860, -5.8105,  
-49.8013

■ 158.4150,  
-10.0646, -85.4330

■ 188.3190, -4.1013,  
-37.9908

■ 150.6970,  
-11.1896, -97.9583

■ 196.0370, -2.9762,  
-25.4654

■ 143.2780,  
-12.4621, -109.8688

■ 203.4560, -1.7038,  
-13.5549

■ 136.8700,  
-13.7399, -120.0350

■ 210.9890, 0.0054,  
-1.7444

■ 218.4080, 1.2779,  
10.1662

■ 225.8270, 2.5503,  
22.0767

■ 228.1630, 6.3286,  
23.5360

■ 229.4170, 11.1334,  
22.4363

# Harmonies

## Analogous

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



182.0830, -29.6209, -19.3668



173.3670, -7.0829, -61.7119



148.8740, 27.1771, -130.5625

# Triad

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



173.3670, -7.0829, -61.7119



185.7270, 34.1516, -33.9636



188.3590, -24.3340, 58.4442

# Complementary

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



173.3670, -7.0829, -61.7119



141.6330, 7.0829, 61.7119

# 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.



188.9240, -4.3995, 57.9487



173.3670, -7.0829, -61.7119



196.0690, 29.0530, 14.8485

# Square

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



173.3670, -7.0829, -61.7119



164.3550, 44.6880, -100.2893



196.8750, 13.3726, 50.9756



190.3950, -39.1417, 47.8886

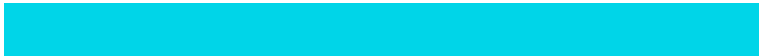


# Rectangle

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



173.3670, -7.0829, -61.7119



151.4790, 39.6969, -132.8471



196.8750, 13.3726, 50.9756



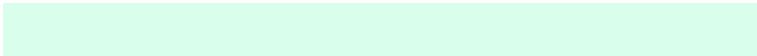
187.4930, -17.4980, 59.2036

# Sweetspot

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



173.3670, -7.0829, -61.7119



241.4720, -2.6977, -21.4619



183.4280, -39.6510, -22.3004



119.7550, -1.8512, -12.9401



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.



173.3670, -7.0829, -61.7119



198.9800, -10.3431, -89.4365



179.4090, 16.0674, -67.0107



103.1410, -0.5625, -6.2627



110.4090, -11.0476, -96.8287



27.7490, -2.8343, -24.3359



# Inverse Universe

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



141.6330, 7.0829, 61.7119



153.0200, 10.3431, 89.4365



135.5910, -16.0674, 67.0107



99.9730, 0.9993, 6.1627



60.5910, 11.0476, 96.8287



15.2510, 2.8343, 24.3359



# Previews

## White Background



This preview shows how the YUV color 173.3670, -7.0829, -61.7119 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

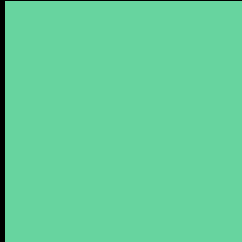
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.3670, -7.0829, -61.7119 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

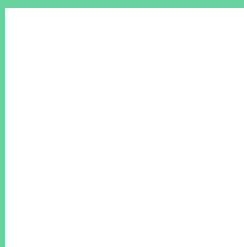
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 173.3670, -7.0829, -61.7119

## Background



This preview shows how black text looks on a background with the YUV color 173.3670, -7.0829, -61.7119.



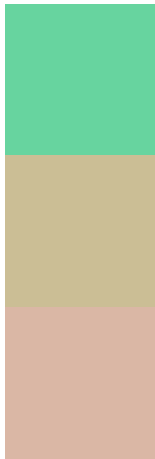
This preview shows how white text looks on a background with the YUV color 173.3670, -7.0829, -61.7119.

-61.7119.

# 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

173.3670, -7.0829, -61.7119

### Protanopia

189.2130, -19.8250, 12.0912

### Deuteranopia

191.4130, -13.0216, 23.3168



## Tritanopia

180.7080, 19.3710, -53.2409

# Trichromacy



## Original Color

173.3670, -7.0829, -61.7119



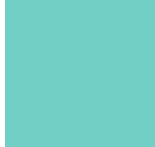
## Protanomaly

183.6010, -15.0863, -14.5591



## Deuteranomaly

185.0840, -10.8874, -7.9667



## Tritanomaly

178.1670, 9.7777, -56.2745

# Monochromacy



## Original Color

173.3670, -7.0829, -61.7119



## Achromatopsia

173.0000, 0.0000, 0.0000



## Achromatomaly

173.1730, -2.5503, -22.0767

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.3670, -7.0829, -61.7119 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(103, 212, 159)` looks like.

```
.text, #text, p{  
    color:rgb(103, 212, 159)  
}
```

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(103, 212, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 212, 159) }
```

## Border

The CSS property to change the border of an element to YUV 173.3670, -7.0829, -61.7119 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(103, 212, 159) }
```



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

```
.border{ border-color:rgb(103, 212, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 212, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 212, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 212, 159);  
box-shadow:4px 4px 4px 4px rgb(103, 212,  
159) }
```

# Background

The CSS property to change the background color of an element to YUV 173.3670, -7.0829, -61.7119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 212, 159) }
```

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

```
.background{ background-color: rgb(103,  
212, 159) }
```

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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