

# Converting Colors

YUV(176.0790, -6.9409,  
-60.5823)

Have a look what the booklet for  
YUV(176.0790, -6.9409, -60.5823)  
contains.

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# Color

**YUV(176.0790, -6.9409,  
-60.5823)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BD6A2
RGB	107, 214, 162
RGB Percent	42%, 84%, 64%
CMY	0.5804, 0.1608, 0.3647
CMYK	0.50, 0.00, 0.24, 0.16
HSL	151°, 57%, 63%
HSV	151°, 50%, 84%
XYZ	36.6316, 53.8276, 42.6415
YIQ	176.0790, -47.0800, -38.8560

# Conversions

## Conversions Part 2

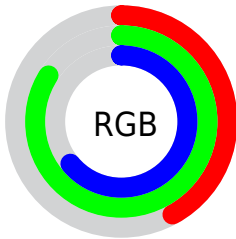
Format	Color
<a href="#">RYB</a>	<a href="#">107, 178, 214</a>
Decimal	<a href="#">7067298</a>
CIELab	<a href="#">78.36, -42.86, 16.37</a>
CIElCh	<a href="#">78, 45.880, 159.102</a>
Yxy	<a href="#">53.8276, 0.2752, 0.4044</a>
Android (android.graphics.Color)	<a href="#">4285257378 (0xFF6BD6A2)</a>
YUV	<a href="#">176.0790, -6.9409, -60.5823</a>
Hunter-Lab	<a href="#">73.3673, -39.2694, 16.8974</a>

# Details

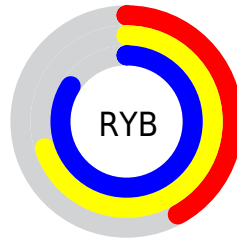
The YUV color **176.0790, -6.9409, -60.5823** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **144.9210, 6.9409, 60.5823**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4590, -3.1843, -52.1455**, and **119.6270, -4.7461, -64.5709** is the 20% darker color. If you saturate the color by 10%, you get **168.6600, -8.2134, -72.4928**, and if you desaturate by 10%, it is **183.4980, -5.6685, -48.6717**.

# Distribution



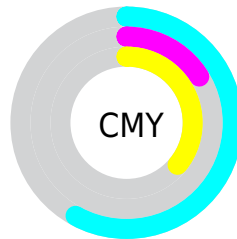
- Red (42%)
- Green (84%)
- Blue (64%)



- Red (42%)
- Yellow (70%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 176.0790, -6.9409, -60.5823 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 176.0790, -6.9409, -60.5823 by changing the saturation by 10% instead.



 176.0790, -6.9409,  
-60.5823

 176.0790, -6.9409,  
-60.5823


255.0000, 0.0000,  
0.0000


 148.0080, -5.9199,  
-61.3970


 223.4590, -3.1843,  
-52.1455


 119.6270, -4.7461,  
-64.5709


 235.3220, 4.7713,  
-37.1164


 87.2880, -0.6350,  
-76.5516

 245.4320, 4.7170,  
-19.6729

 69.2900, -3.5940,  
-60.7673

 254.1030, 0.4422,  
-1.8443

 52.1070, -5.9688,  
-45.6978

 35.6250, -8.1961,  
-31.2431

 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,  
0.0000

■ 176.0790, -6.9409,  
-60.5823

■ 176.0790, -6.9409,  
-60.5823

■ 168.6600, -8.2134,  
-72.4928

■ 183.4980, -5.6685,  
-48.6717

■ 160.8280, -9.7752,  
-84.9182

■ 191.3300, -4.1067,  
-36.2464

■ 153.4090,  
-11.0476, -96.8287

■ 198.7490, -2.8343,  
-24.3359

■ 145.5770,  
-12.6095, -109.2540

■ 206.5810, -1.2724,  
-11.9105

■ 138.1580,  
-13.8819, -121.1646

■ 214.0000, 0.0000,  
0.0000

■ 221.4190, 1.2724,  
11.9105

■ 228.6530, 3.1291,  
23.1063

■ 229.7930, 7.4971,  
22.1065

■ 230.9330, 11.8650,  
21.1068

# Harmonies

## Analogous

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



184.3110, -28.7473, -19.5667



176.0790, -6.9409, -60.5823



152.9670, 26.1453, -126.2591

# Triad

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



176.0790, -6.9409, -60.5823



188.0970, 32.9832, -32.5341



190.4620, -23.8918, 56.5998

# Complementary

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



176.0790, -6.9409, -60.5823



144.9210, 6.9409, 60.5823

# 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.



190.9130, -4.3941, 56.2043



176.0790, -6.9409, -60.5823



197.8410, 28.1794, 15.0484

# Square

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



176.0790, -6.9409, -60.5823



168.5300, 42.6297, -93.4268



198.1630, 13.2306, 49.8460



192.7970, -38.8469, 46.6590

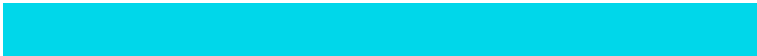


# Rectangle

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



176.0790, -6.9409, -60.5823



152.8810, 39.9917, -134.0766



198.1630, 13.2306, 49.8460



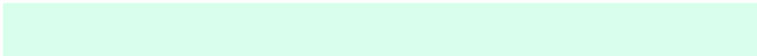
189.5960, -17.0558, 57.3593

# Sweetspot

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



176.0790, -6.9409, -60.5823



241.4720, -2.6977, -21.4619



185.9550, -38.9248, -21.8855



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.



176.0790, -6.9409, -60.5823



200.8170, -9.7698, -86.6625



182.0070, 15.7725, -65.7811



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.



144.9210, 6.9409, 60.5823



156.1830, 9.7698, 86.6625



138.9930, -15.7725, 65.7811



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 176.0790, -6.9409, -60.5823 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

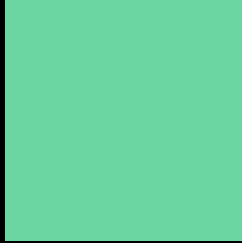
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 176.0790, -6.9409, -60.5823 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

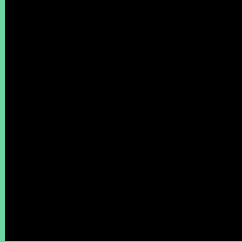
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 176.0790, -6.9409, -60.5823

## Background



This preview shows how black text looks on a background with the YUV color 176.0790, -6.9409, -60.5823.



This preview shows how white text looks on a background with the YUV color 176.0790, -6.9409, -60.5823.

-60.5823.

# 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

176.0790, -6.9409, -60.5823

### Protanopia

191.3270, -19.3882, 11.9912

### Deuteranopia

193.5270, -12.5848, 23.2168



## Tritanopia

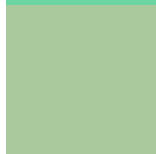
183.1210, 19.6603, -52.7261

# Trichromacy



## Original Color

176.0790, -6.9409, -60.5823



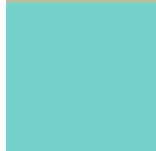
## Protanomaly

185.7150, -14.6495, -14.6591



## Deuteranomaly

187.4970, -10.5980, -7.4519



## Tritanomaly

180.5800, 10.0671, -55.7597

# Monochromacy



## Original Color

176.0790, -6.9409, -60.5823



## Achromatopsia

176.0000, 0.0000, 0.0000



## Achromatomaly

176.1730, -2.5503, -22.0767

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 176.0790, -6.9409, -60.5823 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(107, 214, 162)` looks like.

```
.text, #text, p{  
    color:rgb(107, 214, 162)  
}
```

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(107, 214, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 214, 162) }
```

## Border

The CSS property to change the border of an element to YUV 176.0790, -6.9409, -60.5823 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(107, 214, 162) }
```



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

```
.border{ border-color:rgb(107, 214, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 214, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 214, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 214, 162);  
box-shadow:4px 4px 4px 4px rgb(107, 214,  
162) }
```

# Background

The CSS property to change the background color of an element to YUV 176.0790, -6.9409, -60.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 214, 162) }
```

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

```
.background{ background-color: rgb(107,  
214, 162) }
```

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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