

# Converting Colors

YUV(153.4920, -6.6516,  
-60.0675)

Have a look what the booklet for  
YUV(153.4920, -6.6516, -60.0675)  
contains.

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# Color

**YUV(153.4920, -6.6516,  
-60.0675)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55BF8C
RGB	85, 191, 140
RGB Percent	33%, 75%, 55%
CMY	0.6667, 0.2510, 0.4510
CMYK	0.55, 0.00, 0.27, 0.25
HSL	151°, 45%, 54%
HSV	151°, 55%, 75%
XYZ	27.1107, 41.0863, 31.3125
YIQ	153.4920, -46.8050, -38.3330

# Conversions

## Conversions Part 2

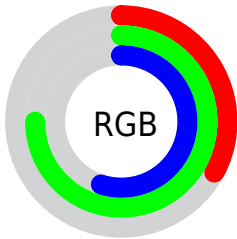
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 155, 191
Decimal	5619596
CIELab	70.24, -42.58, 16.67
CIElCh	70, 45.723, 158.617
Yxy	41.0863, 0.2724, 0.4129
Android (android.graphics.Color)	4283809676 (0xFF55BF8C)
YUV	153.4920, -6.6516, -60.0675
Hunter-Lab	64.0986, -36.6754, 15.9056

# Details

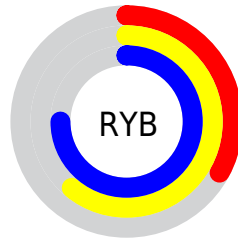
The YUV color **153.4920, -6.6516, -60.0675** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **122.5080, 6.6516, 60.0675**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1500, -7.9619, -59.7675**, and **94.5660, -2.2510, -71.5334** is the 20% darker color. If you saturate the color by 10%, you get **146.7850, -7.7820, -70.8484**, and if you desaturate by 10%, it is **160.1990, -5.5211, -49.2865**.

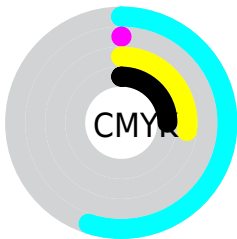
# Distribution



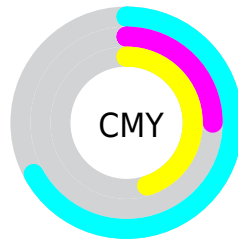
- Red (33%)
- Green (75%)
- Blue (55%)



- Red (33%)
- Yellow (61%)
- Blue (75%)



- Cyan (55%)
- Magenta (0%)
- Yellow (27%)
- Black (25%)



- Cyan (67%)
- Magenta (25%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 153.4920, -6.6516, -60.0675 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 153.4920, -6.6516, -60.0675 by changing the saturation by 10% instead.



■ 153.4920, -6.6516,  
-60.0675

■ 153.4920, -6.6516,  
-60.0675

255.0000, 0.0000,  
0.0000

■ 125.1220, -5.4831,  
-61.4970

■ 210.1500, -7.9619,  
-59.7675

■ 94.5660, -2.2510,  
-71.5334

■ 226.1220, -2.0321,  
-48.3420

■ 72.6810, -3.2937,  
-63.7412

■ 237.9850, 5.9234,  
-33.3128

■ 54.9110, -5.3791,  
-48.1569

■ 247.2260, 3.8326,  
-15.9842

■ 38.3150, -8.0433,  
-33.6023

■ 23.4800, -11.5756,  
-20.5920

■ 1.1740, -0.5788,

-1.0296

■ 0.0000, 0.0000,  
0.0000

■ 153.4920, -6.6516,  
-60.0675

■ 153.4920, -6.6516,  
-60.0675

■ 146.7850, -7.7820,  
-70.8484

■ 160.1990, -5.5211,  
-49.2865

■ 140.0780, -8.9125,  
-81.6294

■ 166.9060, -4.3907,  
-38.5056

■ 133.2570,  
-10.4797, -92.3104

■ 173.7270, -2.8234,  
-27.8246

■ 126.5500,  
-11.6101, -103.0913

■ 180.4340, -1.6930,  
-17.0436

■ 123.4030,  
-12.0307, -108.2244

■ 187.1410, -0.5625,  
-6.2627

■ 194.1470, 0.4205,  
5.1331

■ 200.8540, 1.5510,  
15.9140

■ 207.6750, 3.1182,  
26.5950

■ 213.7840, 4.5435,  
36.1464

# Harmonies

## Analogous

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



162.1370, -28.1685, -18.5371



153.4920, -6.6516, -60.0675



134.1530, 24.0816, -117.6522

# Triad

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



153.4920, -6.6516, -60.0675



167.8930, 42.4508, -35.8632



172.2780, -24.7871, 63.7772

# Complementary

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



153.4920, -6.6516, -60.0675



122.5080, 6.6516, 60.0675

# 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.



174.4090, -6.6106, 67.1703



153.4920, -6.6516, -60.0675



175.6990, 30.2214, 13.4190

# Square

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



153.4920, -6.6516, -60.0675



136.2800, 55.0780, -119.5176



176.1630, 13.2306, 49.8460



170.4270, -37.6785, 45.2295



# Rectangle

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



153.4920, -6.6516, -60.0675



136.6440, 36.1645, -119.8368



176.1630, 13.2306, 49.8460



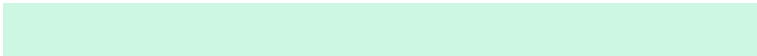
172.4940, -18.9775, 67.0958

# Sweetspot

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



153.4920, -6.6516, -60.0675



232.1620, -2.5449, -23.8211



162.4710, -38.1932, -23.2151



116.1570, -1.5564, -14.1697



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



153.4920, -6.6516, -60.0675



188.6590, -10.1849, -93.5399



158.1320, 16.2039, -64.1368



90.8530, -0.4205, -5.1331



102.0940, -9.9063, -89.5364



20.0210, -1.9824, -17.5584



# Inverse Universe

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



122.5080, 6.6516, 60.0675



140.3410, 10.1849, 93.5399



117.8680, -16.2039, 64.1368



88.1470, 0.4205, 5.1331



55.9060, 9.9063, 89.5364

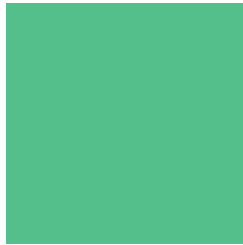


10.9790, 1.9824, 17.5584



# Previews

## White Background



This preview shows how the YUV color 153.4920, -6.6516, -60.0675 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

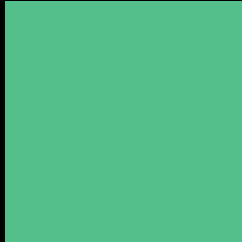
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 153.4920, -6.6516, -60.0675 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

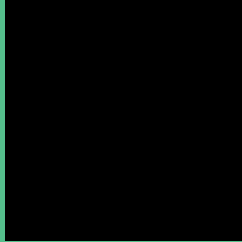
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 153.4920, -6.6516, -60.0675

## Background



This preview shows how black text looks on a background with the YUV color 153.4920, -6.6516, -60.0675.



This preview shows how white text looks on a background with the YUV color 153.4920, -6.6516,

-60.0675.

# 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

153.4920, -6.6516, -60.0675

### Protanopia

169.0280, -19.2408, 11.3764

### Deuteranopia

171.5160, -12.5794, 21.4725



## Tritanopia

160.4910, 18.4919, -51.2966

# Trichromacy



## Original Color

153.4920, -6.6516, -60.0675



## Protanomaly

163.7150, -14.6495, -14.6591



## Deuteranomaly

165.1980, -10.4506, -8.0666



## Tritanomaly

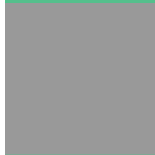
158.0640, 9.3354, -54.4301

# Monochromacy



## Original Color

153.4920, -6.6516, -60.0675



## Achromatopsia

153.0000, 0.0000, 0.0000



## Achromatomaly

153.1730, -2.5503, -22.0767

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.4920, -6.6516, -60.0675 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(85, 191, 140)` looks like.

```
.text, #text, p{  
    color:rgb(85, 191, 140)  
}
```

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(85, 191, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 191, 140) }
```

## Border

The CSS property to change the border of an element to YUV 153.4920, -6.6516, -60.0675 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(85, 191, 140) }
```



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

```
.border{ border-color:rgb(85, 191, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 191, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 191, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 191, 140);  
box-shadow:4px 4px 4px 4px rgb(85, 191,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 153.4920, -6.6516, -60.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 191, 140) }
```

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

```
.background{ background-color: rgb(85, 191,  
140) }
```

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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