

# Converting Colors

YUV(164.2900, -3.5940,  
-60.7673)

Have a look what the booklet for  
YUV(164.2900, -3.5940, -60.7673)  
contains.

<b>YUV(164.2900, -3.5940, -60.7673)</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(164.2900, -3.5940,  
-60.7673)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FC99D
RGB	95, 201, 157
RGB Percent	37%, 79%, 62%
CMY	0.6275, 0.2118, 0.3843
CMYK	0.53, 0.00, 0.22, 0.21
HSL	155°, 50%, 58%
HSV	155°, 53%, 79%
XYZ	31.6918, 46.6405, 39.2305
YIQ	164.2900, -49.0520, -36.1560

# Conversions

## Conversions Part 2

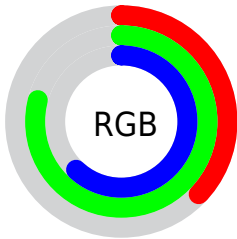
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 162, 201
Decimal	6277533
CIELab	73.96, -41.04, 12.79
CIELCh	74, 42.986, 162.694
Yxy	46.6405, 0.2696, 0.3967
Android (android.graphics.Color)	4284467613 (0xFF5FC99D)
YUV	164.2900, -3.5940, -60.7673
Hunter-Lab	68.2939, -36.6813, 13.7474

# Details

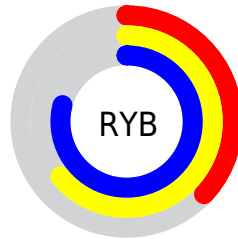
The YUV color **164.2900, -3.5940, -60.7673** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **131.7100, 3.5940, 60.7673**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.3010, -3.5994, -59.0230**, and **106.7560, -0.3727, -67.3150** is the 20% darker color. If you saturate the color by 10%, you get **157.3980, -4.1402, -72.2630**, and if you desaturate by 10%, it is **171.1820, -3.0477, -49.2716**.

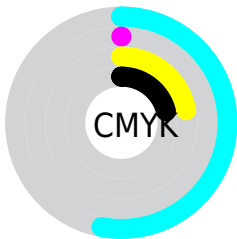
# Distribution



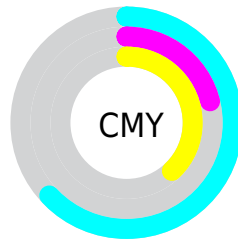
- Red (37%)
- Green (79%)
- Blue (62%)



- Red (37%)
- Yellow (64%)
- Blue (79%)



- Cyan (53%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)



- Cyan (63%)
- Magenta (21%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 164.2900, -3.5940, -60.7673 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 164.2900, -3.5940, -60.7673 by changing the saturation by 10% instead.



164.2900, -3.5940,  
-60.7673

164.2900, -3.5940,  
-60.7673

255.0000, 0.0000,  
0.0000

135.9200, -2.4256,  
-62.1968

219.3010, -3.5994,  
-59.0230

106.7560, -0.3727,  
-67.3150

231.1640, 4.3561,  
-43.9938

79.6740, 0.6537,  
-69.8741

241.5450, 6.6333,  
-27.6650

61.7900, -1.8685,  
-54.1898

250.5150, 2.2111,  
-9.2217

45.1940, -4.5326,  
-39.6351

29.4130, -6.6126,  
-25.7952

12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,  
0.0000

■ 164.2900, -3.5940,  
-60.7673

■ 164.2900, -3.5940,  
-60.7673

■ 157.3980, -4.1402,  
-72.2630

■ 171.1820, -3.0477,  
-49.2716

■ 150.3920, -5.1233,  
-83.6588

■ 178.1880, -2.0647,  
-37.8759

■ 143.5000, -5.6695,  
-95.1545

■ 185.0800, -1.5184,  
-26.3802

■ 136.6080, -6.2157,  
-106.6502

■ 191.9720, -0.9722,  
-14.8844

■ 131.4390, -6.6254,  
-115.2720

■ 199.2770, -0.1366,  
-2.8739

■ 206.1690, 0.4097,  
8.6218

■ 213.0610, 0.9559,  
20.1175

■ 219.7680, 2.0864,  
30.8985

■ 220.6800, 5.5808,  
30.0986

# Harmonies

## Analogous

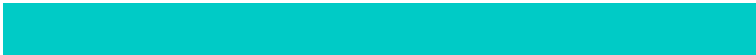
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172.3260, -24.8107, -22.2109



164.2900, -3.5940, -60.7673



141.7330, 27.7396, -124.2998

# Triad

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



164.2900, -3.5940, -60.7673



179.8790, 37.0347, -25.3269



182.6150, -25.9392, 59.9736

# Complementary

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



164.2900, -3.5940, -60.7673



131.7100, 3.5940, 60.7673

# 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.



183.8060, -8.7784, 62.4371



164.2900, -3.5940, -60.7673



186.1080, 26.5688, 18.3223

# Square

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



164.2900, -3.5940, -60.7673



164.1990, 44.7649, -78.2275



186.2510, 9.7363, 50.6459



180.3340, -36.6467, 40.9261



# Rectangle

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



164.2900, -3.5940, -60.7673



143.4090, 39.2384, -125.7697



186.2510, 9.7363, 50.6459



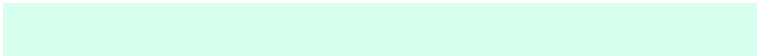
183.3040, -20.8559, 62.8774

# Sweetspot

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



164.2900, -3.5940, -60.7673



240.8030, -1.3819, -23.5062



170.3780, -37.1614, -27.5185



119.2710, -1.1196, -14.2697



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.



164.2900, -3.5940, -60.7673



199.2230, -5.5329, -92.2806



164.0230, 18.2297, -60.5332



95.8530, -0.4205, -5.1331



106.5110, -5.6749, -93.4101



23.5260, -1.2453, -20.6323



# Inverse Universe

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



131.7100, 3.5940, 60.7673



149.7770, 5.5329, 92.2806



131.9770, -18.2297, 60.5332



93.1470, 0.4205, 5.1331



56.4890, 5.6749, 93.4101

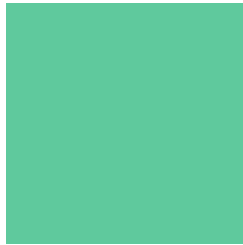


12.4740, 1.2453, 20.6323



# Previews

## White Background



This preview shows how the YUV color 164.2900, -3.5940, -60.7673 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 164.2900, -3.5940, -60.7673 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

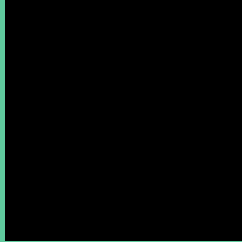
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 164.2900, -3.5940, -60.7673

## Background



This preview shows how black text looks on a background with the YUV color 164.2900, -3.5940, -60.7673.



This preview shows how white text looks on a background with the YUV color 164.2900, -3.5940,

-60.7673.

# 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

164.2900, -3.5940, -60.7673

### Protanopia

179.5270, -16.0358, 10.0618

### Deuteranopia

182.0150, -9.3744, 20.1578



## Tritanopia

170.7080, 19.3710, -53.2409

# Trichromacy



## Original Color

164.2900, -3.5940, -60.7673



## Protanomaly

174.2140, -11.4445, -15.9737



## Deuteranomaly

175.6970, -7.2456, -9.3813



## Tritanomaly

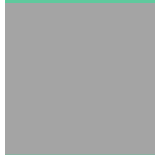
168.8080, 10.9407, -55.9596

# Monochromacy



## Original Color

164.2900, -3.5940, -60.7673



## Achromatopsia

164.0000, 0.0000, 0.0000



## Achromatomaly

163.8140, -1.3873, -21.7619

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 164.2900, -3.5940, -60.7673 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(95, 201, 157)` looks like.

```
.text, #text, p{  
    color:rgb(95, 201, 157)  
}
```

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(95, 201, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 201, 157) }
```

## Border

The CSS property to change the border of an element to YUV 164.2900, -3.5940, -60.7673 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(95, 201, 157) }
```



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

```
.border{ border-color:rgb(95, 201, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 201, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 201, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 201, 157);  
box-shadow:4px 4px 4px 4px rgb(95, 201,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 164.2900, -3.5940, -60.7673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 201, 157) }
```

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

```
.background{ background-color: rgb(95, 201,  
157) }
```

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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