

# Converting Colors

YUV(151.1100, 19.6658,  
-54.4705)

Have a look what the booklet for  
YUV(151.1100, 19.6658, -54.4705)  
contains.

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# Color

**YUV(151.1100, 19.6658,  
-54.4705)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59AFBF
RGB	89, 175, 191
RGB Percent	35%, 69%, 75%
CMY	0.6510, 0.3137, 0.2510
CMYK	0.53, 0.08, 0.00, 0.25
HSL	189°, 44%, 55%
HSV	189°, 53%, 75%
XYZ	28.8538, 36.5454, 54.8234
YIQ	151.1100, -56.3920, -13.2560

# Conversions

## Conversions Part 2

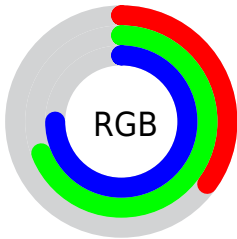
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	89, 136, 191
Decimal	5877695
CIE Lab	66.93, -21.44, -16.12
CIE LCh	67, 26.821, 216.943
Yxy	36.5454, 0.2400, 0.3040
Android (android.graphics.Color)	4284067775 (0xFF59AFBF)
YUV	151.1100, 19.6658, -54.4705
Hunter-Lab	60.4528, -20.5953, -11.4520

# Details

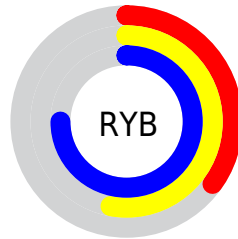
The YUV color **151.1100, 19.6658, -54.4705** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **128.8900, -19.6658, 54.4705**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4090, 19.5184, -53.8557**, and **93.6250, 21.8769, -63.6921** is the 20% darker color. If you saturate the color by 10%, you get **143.6680, 23.3347, -64.6068**, and if you desaturate by 10%, it is **158.5520, 15.9969, -44.3341**.

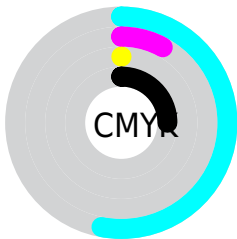
# Distribution



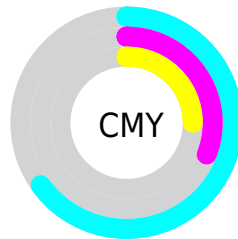
- Red (35%)
- Green (69%)
- Blue (75%)



- Red (35%)
- Yellow (53%)
- Blue (75%)



- Cyan (53%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (31%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 151.1100, 19.6658, -54.4705 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 151.1100, 19.6658, -54.4705 by changing the saturation by 10% instead.



■ 151.1100, 19.6658,  
-54.4705

■ 151.1100, 19.6658,  
-54.4705

■ 255.0000, 0.0000,  
0.0000

■ 123.2130, 20.1080,  
-56.3148

■ 207.4090, 19.5184,  
-53.8557

■ 93.6250, 21.8769,  
-63.6921

■ 231.0800, 11.7926,  
-49.1822

■ 69.7070, 20.8504,  
-61.1330

■ 239.7510, 7.5178,  
-31.3536

■ 52.8830, 17.3127,  
-46.3784

■ 248.7210, 3.0955,  
-12.9103

■ 36.6460, 13.4855,  
-32.1385

■ 22.9850, 9.3744,  
-20.1578

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,  
0.0000

■ 151.1100, 19.6658,  
-54.4705

■ 151.1100, 19.6658,  
-54.4705

■ 143.6680, 23.3347,  
-64.6068

■ 158.5520, 15.9969,  
-44.3341

■ 136.2260, 27.0036,  
-74.7432

■ 165.9940, 12.3280,  
-34.1977

■ 128.7840, 30.6725,  
-84.8796

■ 173.4360, 8.6591,  
-24.0614

■ 121.3420, 34.3414,  
-95.0159

■ 180.8780, 4.9901,  
-13.9250

■ 116.2810, 36.8365,  
-101.9784

■ 188.6190, 1.1738,  
-3.1739

■ 196.0610, -2.4951,  
6.9625

■ 203.5030, -6.1640,  
17.0989

■ 210.9450, -9.8329,  
27.2352

■ 216.5930,  
-12.6173, 33.6829

# Harmonies

## Analogous

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



151.4670, 8.1508, -47.7676



151.1100, 19.6658, -54.4705



155.3810, 25.4482, -42.4301

# Triad

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



151.1100, 19.6658, -54.4705



167.1250, 7.3334, 27.9544



161.1160, -22.7352, 12.1763

# Complementary

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



151.1100, 19.6658, -54.4705



128.8900, -19.6658, 54.4705

# 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.



163.1550, -21.7684, 28.8051



151.1100, 19.6658, -54.4705



166.2160, -4.0505, 39.2756

# Square

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



151.1100, 19.6658, -54.4705



165.9250, 17.2920, 7.0818



164.7570, -14.6702, 38.8011



158.1780, -16.8498, -8.9261



# Rectangle

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



151.1100, 19.6658, -54.4705



160.0670, 25.1100, -27.2458



164.7570, -14.6702, 38.8011



161.7470, -23.0463, 18.6389

# Sweetspot

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



151.1100, 19.6658, -54.4705



231.8170, 7.4852, -20.8875



150.5840, -22.9659, -54.0092



115.4760, 4.6953, -12.6955



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.



151.1100, 19.6658, -54.4705



185.6700, 30.2357, -84.7796



121.7600, 34.1353, -28.7305



90.7220, 1.6161, -5.0182



96.0830, 30.5251, -84.2648



18.7960, 6.0166, -16.4841



# Inverse Universe

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



129.3020, 22.5291, 54.1091



151.5180, 35.2406, 83.7377



158.2400, -34.1353, 28.7305



88.6030, 2.1677, 4.7332



62.4040, 34.8038, 83.8377



12.2330, 6.7871, 16.4587



# Previews

## White Background



This preview shows how the YUV color 151.1100, 19.6658, -54.4705 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

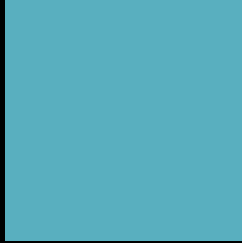
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 151.1100, 19.6658, -54.4705 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

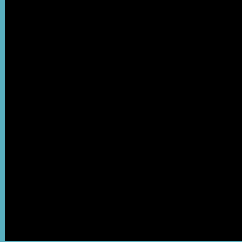
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 151.1100, 19.6658, -54.4705

## Background



This preview shows how black text looks on a background with the YUV color 151.1100, 19.6658, -54.4705.



This preview shows how white text looks on a background with the YUV color 151.1100, 19.6658,



# 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

151.1100, 19.6658, -54.4705

### Protanopia

162.7960, 9.4676, -3.3291

### Deuteranopia

163.4140, 15.5719, -1.2401



## Tritanopia

150.5830, 18.9396, -54.8853

# Trichromacy



## Original Color

151.1100, 19.6658, -54.4705

## Protanomaly

158.5980, 13.0162, -21.5724

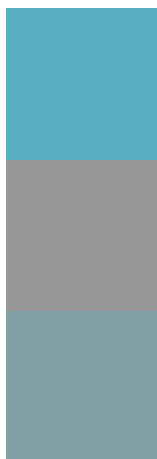
## Deuteranomaly

158.7490, 17.3787, -20.8279

## Tritanomaly

150.6970, 19.3764, -54.9853

# Monochromacy



## Original Color

151.1100, 19.6658, -54.4705

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

151.1160, 7.3378, -20.2727

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.1100, 19.6658, -54.4705 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(89, 175, 191)` looks like.

```
.text, #text, p{  
    color:rgb(89, 175, 191)  
}
```

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(89, 175, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 175, 191) }
```

## Border

The CSS property to change the border of an element to YUV 151.1100, 19.6658, -54.4705 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(89, 175, 191) }
```



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

```
.border{ border-color:rgb(89, 175, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 175, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 175, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 175, 191);  
box-shadow:4px 4px 4px 4px rgb(89, 175,  
191) }
```

# Background

The CSS property to change the background color of an element to YUV 151.1100, 19.6658, -54.4705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 175, 191) }
```

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

```
.background{ background-color: rgb(89, 175,  
191) }
```

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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