

# Converting Colors

YUV(151.3680, 28.4126,  
-59.9587)

Have a look what the booklet for  
YUV(151.3680, 28.4126, -59.9587)  
contains.

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# Color

**YUV(151.3680, 28.4126,  
-59.9587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53AFD1
RGB	83, 175, 209
RGB Percent	33%, 69%, 82%
CMY	0.6745, 0.3137, 0.1804
CMYK	0.60, 0.16, 0.00, 0.18
HSL	196°, 58%, 57%
HSV	196°, 60%, 82%
XYZ	30.4059, 37.1024, 65.8805
YIQ	151.3680, -65.7460, -8.9300

# Conversions

## Conversions Part 2

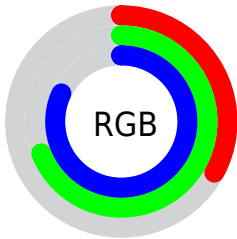
Format	Color
R <sub>Y</sub> B	83, 136, 209
Decimal	5484497
CIE Lab	67.35, -17.32, -25.45
CIE LCh	67, 30.783, 235.754
Yxy	37.1024, 0.2279, 0.2782
Android (android.graphics.Color)	4283674577 (0xFF53AFD1)
YUV	151.3680, 28.4126, -59.9587
Hunter-Lab	60.9117, -17.4920, -21.4883

# Details

The YUV color **151.3680, 28.4126, -59.9587** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **140.6320, -28.4126, 59.9587**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4240, 23.4550, -56.4998**, and **89.1700, 31.9612, -78.2021** is the 20% darker color. If you saturate the color by 10%, you get **141.5670, 33.2445, -69.7803**, and if you desaturate by 10%, it is **161.1690, 23.5807, -50.1372**.

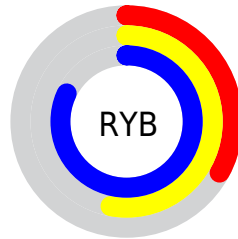
# Distribution



Red (33%)

Green (69%)

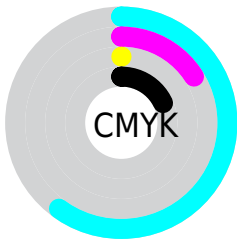
Blue (82%)



Red (33%)

Yellow (53%)

Blue (82%)

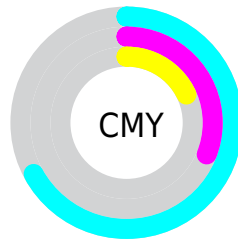


Cyan (60%)

Magenta (16%)

Yellow (0%)

Black (18%)



Cyan (67%)

Magenta (31%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 151.3680, 28.4126, -59.9587 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 151.3680, 28.4126, -59.9587 by changing the saturation by 10% instead.



151.3680, 28.4126,  
-59.9587

151.3680, 28.4126,  
-59.9587

255.0000, 0.0000,  
0.0000

122.1610, 29.0076,  
-64.1622

207.4240, 23.4550,  
-56.4998

89.1700, 31.9612,  
-78.2021

230.1830, 12.2348,  
-51.0265

71.5310, 27.8392,  
-62.7327

239.1530, 7.8126,  
-32.5832

55.1800, 23.5753,  
-48.3929

248.1230, 3.3904,  
-14.1399

38.9430, 19.7481,  
-34.1530

24.5810, 15.4896,  
-21.5575

5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,  
-0.8998

■ 0.0000, 0.0000,  
0.0000

■ 151.3680, 28.4126,  
-59.9587

■ 151.3680, 28.4126,  
-59.9587

■ 141.5670, 33.2445,  
-69.7803

■ 161.1690, 23.5807,  
-50.1372

■ 132.3530, 37.7870,  
-80.1166

■ 170.3830, 19.0382,  
-39.8009

■ 122.5520, 42.6189,  
-89.9381

■ 180.1840, 14.2063,  
-29.9794

■ 113.6370, 47.0140,  
-99.6596

■ 189.9850, 9.3744,  
-20.1578

■ 199.1990, 4.8319,  
-9.8215

■ 208.7010, 0.1474,  
-0.6148

■ 217.9150, -4.3951,  
9.7215

■ 227.7160, -9.2270,  
19.5431

■ 232.7330,  
-11.7004, 19.5282

# Harmonies

## Analogous

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



147.9190, 19.2669, -66.5810



151.3680, 28.4126, -59.9587



159.7610, 29.2048, -33.9934

# Triad

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



151.3680, 28.4126, -59.9587



167.4920, 0.7434, 41.6645



159.9140, -23.1286, -1.6786

# Complementary

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



151.3680, 28.4126, -59.9587



140.6320, -28.4126, 59.9587

# 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.



162.8460, -26.5461, 21.1831



151.3680, 28.4126, -59.9587



166.6700, -12.6553, 45.8934

# Square

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



151.3680, 28.4126, -59.9587



168.4110, 13.6014, 24.1956



164.9820, -22.6691, 37.7268



156.0340, -11.8488, -26.3398



# Rectangle

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



151.3680, 28.4126, -59.9587



164.3830, 25.9402, -13.4909



164.9820, -22.6691, 37.7268



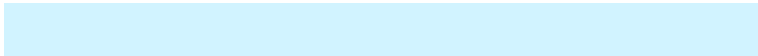
160.8010, -25.0449, 6.3135

# Sweetspot

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



151.3680, 28.4126, -59.9587



234.2020, 10.2534, -22.1022



160.8380, -21.6121, -68.2639



114.6330, 6.5899, -13.7101



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.



151.3680, 28.4126, -59.9587



170.6340, 41.5924, -87.3790



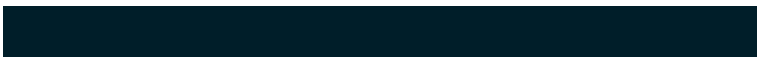
114.3870, 46.6442, -27.5264



99.9500, 2.4897, -5.2181



91.3530, 37.7870, -80.1166



22.2840, 9.2270, -19.5431



# Inverse Universe

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



131.1620, 21.6121, 68.2639



141.2920, 31.4080, 99.7219



177.6130, -46.6442, 27.5264



98.2010, 1.8729, 5.9627



64.2540, 28.9618, 90.9852



15.6790, 7.0603, 22.2065



# Previews

## White Background



This preview shows how the YUV color 151.3680, 28.4126, -59.9587 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 151.3680, 28.4126, -59.9587 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 151.3680, 28.4126, -59.9587

## Background



This preview shows how black text looks on a background with the YUV color 151.3680, 28.4126, -59.9587.



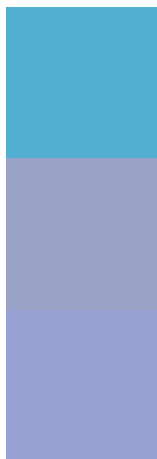
This preview shows how white text looks on a background with the YUV color 151.3680, 28.4126, -59.9587.

-59.9587.

# 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

151.3680, 28.4126, -59.9587

### Protanopia

163.2390, 17.6302, -8.1026

### Deuteranopia

163.5360, 23.8928, -10.1171



## Tritanopia

149.0980, 21.1507, -64.1069

# Trichromacy



## Original Color

151.3680, 28.4126, -59.9587

## Protanomaly

158.8560, 21.7630, -27.0607

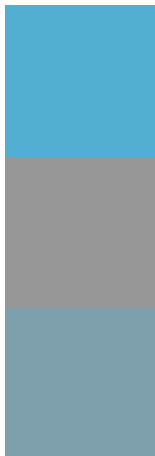
## Deuteranomaly

158.8820, 25.6942, -27.9605

## Tritanomaly

150.0920, 23.6186, -62.3477

# Monochromacy



## Original Color

151.3680, 28.4126, -59.9587

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

151.2020, 10.2534, -22.1022

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.3680, 28.4126, -59.9587 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(83, 175, 209)` looks like.

```
.text, #text, p{  
    color:rgb(83, 175, 209)  
}
```

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(83, 175, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 175, 209) }
```

## Border

The CSS property to change the border of an element to YUV 151.3680, 28.4126, -59.9587 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(83, 175, 209) }
```



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

```
.border{ border-color:rgb(83, 175, 209) }
```

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

Here you see how a box with a 4 pixel rgb(83, 175, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 175, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 175, 209);  
box-shadow:4px 4px 4px 4px rgb(83, 175,  
209) }
```

# Background

The CSS property to change the background color of an element to YUV 151.3680, 28.4126, -59.9587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 175, 209) }
```

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

```
.background{ background-color: rgb(83, 175,  
209) }
```

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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