

# Converting Colors

YUV(131.1560, 29.9961,  
-54.5108)

Have a look what the booklet for  
YUV(131.1560, 29.9961, -54.5108)  
contains.

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# Color

**YUV(131.1560, 29.9961,  
-54.5108)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4597C0
RGB	69, 151, 192
RGB Percent	27%, 59%, 75%
CMY	0.7294, 0.4078, 0.2471
CMYK	0.64, 0.21, 0.00, 0.25
HSL	200°, 49%, 51%
HSV	200°, 64%, 75%
XYZ	23.0353, 27.2042, 53.9060
YIQ	131.1560, -62.0330, -4.6330

# Conversions

## Conversions Part 2

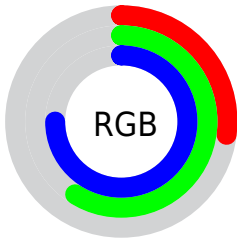
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	69, 118, 192
Decimal	4560832
CIE Lab	59.16, -12.24, -28.63
CIE LCh	59, 31.134, 246.848
Yxy	27.2042, 0.2212, 0.2612
Android (android.graphics.Color)	4282750912 (0xFF4597C0)
YUV	131.1560, 29.9961, -54.5108
Hunter-Lab	52.1576, -12.4418, -24.7671

# Details

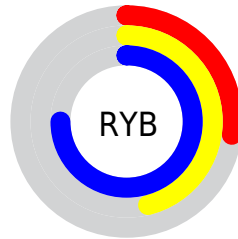
The YUV color **131.1560, 29.9961, -54.5108** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **129.8440, -29.9961, 54.5108**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2920, 30.4220, -51.1221**, and **74.4320, 31.3390, -65.2769** is the 20% darker color. If you saturate the color by 10%, you get **121.9530, 34.5332, -63.1028**, and if you desaturate by 10%, it is **140.3590, 25.4590, -45.9188**.

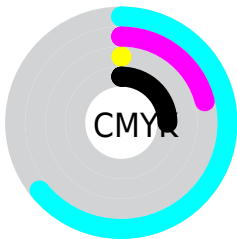
# Distribution



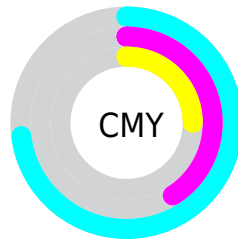
- Red (27%)
- Green (59%)
- Blue (75%)



- Red (27%)
- Yellow (46%)
- Blue (75%)



- Cyan (64%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (73%)
- Magenta (41%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 131.1560, 29.9961, -54.5108 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 131.1560, 29.9961, -54.5108 by changing the saturation by 10% instead.



■ 131.1560, 29.9961,  
-54.5108

■ 131.1560, 29.9961,  
-54.5108

■ 255.0000, 0.0000,  
0.0000

■ 102.0520, 31.0334,  
-60.5586

■ 187.2920, 30.4220,  
-51.1221

■ 74.4320, 31.3390,  
-65.2769

■ 213.0830, 20.6651,  
-48.3078

■ 57.4940, 27.3645,  
-50.4222

■ 234.6680, 10.0237,  
-41.8048

■ 41.7300, 22.8111,  
-36.5972

■ 243.3390, 5.7489,  
-23.9763

■ 26.0800, 18.6946,  
-22.8722

■ 252.3090, 1.3267,  
-5.5330

■ 6.5490, 17.4773,  
-5.7435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,  
0.0000

■ 131.1560, 29.9961,  
-54.5108

■ 131.1560, 29.9961,  
-54.5108

■ 121.9530, 34.5332,  
-63.1028

■ 140.3590, 25.4590,  
-45.9188

■ 112.1630, 39.3596,  
-71.1800

■ 150.1490, 20.6325,  
-37.8417

■ 102.6610, 44.0441,  
-80.3867

■ 159.6510, 15.9481,  
-28.6349

■ 97.0240, 46.8232,  
-85.0900

■ 169.4410, 11.1216,  
-20.5578

■ 178.6440, 6.5845,  
-11.9658

■ 187.8470, 2.0474,  
-3.3738

■ 197.6370, -2.7790,  
4.7034

■ 207.1390, -7.4635,  
13.9101

■ 216.9290,  
-12.2900, 21.9873

# Harmonies

## Analogous

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



122.7700, 25.2564, -74.3433



131.1560, 29.9961, -54.5108



140.3710, 27.4251, -23.1274

# Triad

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



131.1560, 29.9961, -54.5108



144.9500, -3.9193, 43.8939



136.5970, -19.0283, -10.1706

# Complementary

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



131.1560, 29.9961, -54.5108



129.8440, -29.9961, 54.5108

# 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.



140.3180, -25.7928, 12.8761



131.1560, 29.9961, -54.5108



143.7360, -16.1388, 43.2045

# Square

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



131.1560, 29.9961, -54.5108



146.4890, 8.6329, 31.1431



142.1940, -24.2526, 32.2789



132.1730, -6.0013, -35.2317



# Rectangle

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



131.1560, 29.9961, -54.5108



144.0640, 23.1394, -1.8101



142.1940, -24.2526, 32.2789



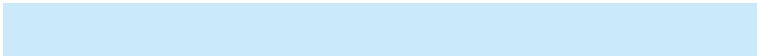
137.8430, -22.1076, -2.4933

# Sweetspot

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



131.1560, 29.9961, -54.5108



226.2560, 11.7058, -21.2725



145.8750, -17.6864, -67.4194



110.4590, 7.1687, -12.6805



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.



131.1560, 29.9961, -54.5108



154.7250, 46.9706, -85.7048



96.5230, 47.0702, -24.1377



92.2490, 2.3422, -4.6034



81.1630, 39.3596, -71.1800



16.6760, 8.0477, -14.6249



# Inverse Universe

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



115.1250, 17.6864, 67.4194



129.4130, 27.8974, 105.7548



166.2380, -47.9383, 22.5933



90.7880, 1.5835, 5.4479



60.3370, 23.0049, 88.2815



12.3750, 4.7451, 18.0881



# Previews

## White Background



This preview shows how the YUV color 131.1560, 29.9961, -54.5108 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 131.1560, 29.9961, -54.5108 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

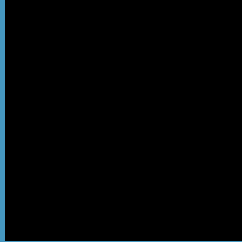
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 131.1560, 29.9961, -54.5108

## Background



This preview shows how black text looks on a background with the YUV color 131.1560, 29.9961, -54.5108.



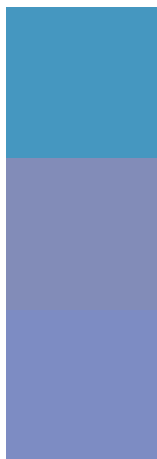
This preview shows how white text looks on a background with the YUV color 131.1560, 29.9961, -54.5108.

-54.5108.

# 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

131.1560, 29.9961, -54.5108

### Protanopia

142.0260, 20.6932, -10.5468

### Deuteranopia

141.7850, 26.2350, -14.7204



## Tritanopia

127.1800, 20.1243, -61.5479

# Trichromacy



## Original Color

131.1560, 29.9961, -54.5108

## Protanomaly

138.1380, 24.0890, -26.4310

## Deuteranomaly

138.0390, 27.5888, -28.9752

## Tritanomaly

128.8150, 23.7552, -59.4738

# Monochromacy



## Original Color

131.1560, 29.9961, -54.5108

## Achromatopsia

131.0000, 0.0000, 0.0000

## Achromatomaly

130.7400, 10.9742, -19.9430

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 131.1560, 29.9961, -54.5108 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(69, 151, 192)` looks like.

```
.text, #text, p{  
    color:rgb(69, 151, 192)  
}
```

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(69, 151, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 151, 192) }
```

## Border

The CSS property to change the border of an element to YUV 131.1560, 29.9961, -54.5108 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(69, 151, 192) }
```



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

```
.border{ border-color:rgb(69, 151, 192) }
```

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

Here you see how a box with a 4 pixel rgb(69, 151, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 151, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 151, 192);  
box-shadow:4px 4px 4px 4px rgb(69, 151,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 131.1560, 29.9961, -54.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 151, 192) }
```

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

```
.background{ background-color: rgb(69, 151,  
192) }
```

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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