

# Converting Colors

YUV(136.2860, 49.6520,  
-59.0098)

Have a look what the booklet for  
YUV(136.2860, 49.6520, -59.0098)  
contains.

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# Color

**YUV(136.2860, 49.6520,  
-59.0098)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4597ED
RGB	69, 151, 237
RGB Percent	27%, 59%, 93%
CMY	0.7294, 0.4078, 0.0706
CMYK	0.71, 0.36, 0.00, 0.07
HSL	211°, 82%, 60%
HSV	211°, 71%, 93%
XYZ	28.8069, 29.5129, 84.2990
YIQ	136.2860, -76.4780, 9.3620

# Conversions

## Conversions Part 2

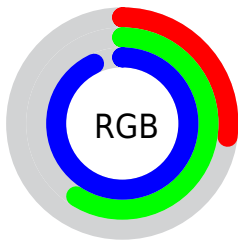
Format	Color
R <sub>YB</sub>	69, 124, 237
Decimal	4560877
CIE Lab	61.23, 2.96, -50.49
CIE LCh	61, 50.576, 273.359
Yxy	29.5129, 0.2020, 0.2069
Android (android.graphics.Color)	4282750957 (0xFF4597ED)
YUV	136.2860, 49.6520, -59.0098
Hunter-Lab	54.3257, -0.4181, -53.9742

# Details

The YUV color **136.2860, 49.6520, -59.0098** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **169.7140, -49.6520, 59.0098**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7700, 32.1584, -48.0333**, and **79.9210, 49.8319, -70.0907** is the 20% darker color. If you saturate the color by 10%, you get **122.0660, 56.6625, -67.5869**, and if you desaturate by 10%, it is **150.5060, 42.6415, -50.4328**.

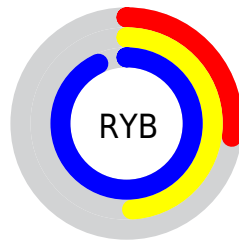
# Distribution



Red (27%)

Green (59%)

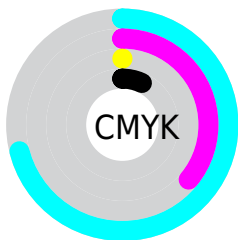
Blue (93%)



Red (27%)

Yellow (49%)

Blue (93%)

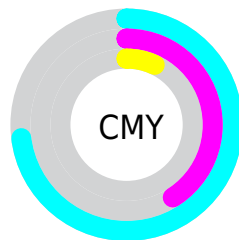


Cyan (71%)

Magenta (36%)

Yellow (0%)

Black (7%)



Cyan (73%)

Magenta (41%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.2860, 49.6520, -59.0098 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 136.2860, 49.6520, -59.0098 by changing the saturation by 10% instead.



■ 136.2860, 49.6520,  
-59.0098

■ 136.2860, 49.6520,  
-59.0098

255.0000, 0.0000,  
0.0000

■ 102.4690, 52.0268,  
-74.0793

■ 189.7700, 32.1584,  
-48.0333

■ 79.9210, 49.8319,  
-70.0907

■ 215.4750, 19.4858,  
-43.3896

■ 62.6410, 44.5470,  
-54.9362

■ 237.3590, 8.6970,  
-36.2718

■ 46.7630, 39.5568,  
-41.0112

■ 246.6280, 4.1274,  
-17.2138

■ 32.0590, 33.9879,  
-28.1157

■ 15.8220, 30.1608,  
-13.8759

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,  
-4.1289

■ 0.2280, 0.8736,  
-0.2000

■ 136.2860, 49.6520,  
-59.0098

■ 136.2860, 49.6520,  
-59.0098

■ 122.0660, 56.6625,  
-67.5869

■ 150.5060, 42.6415,  
-50.4328

■ 108.1450, 63.5255,  
-75.5492

■ 164.4270, 35.7785,  
-42.4705

■ 95.1100, 69.9518,  
-83.4115

■ 178.6470, 28.7680,  
-33.8934

■ 193.4540, 21.4682,  
-25.8312

■ 207.3750, 14.6051,  
-17.8689

■ 221.5950, 7.5947,  
-9.2918

■ 235.8150, 0.5842,  
-0.7148

■ 248.8390, -5.8366,  
5.4032

■ 252.9480, -7.8624,  
1.7996

# Harmonies

## Analogous

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



121.5590, 51.9824, -106.6072



136.2860, 49.6520, -59.0098



151.0230, 35.4847, 5.2418

# Triad

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



136.2860, 49.6520, -59.0098



146.8920, -22.6248, 70.2547



127.1560, -10.4299, -61.5268

# Complementary

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



136.2860, 49.6520, -59.0098



169.7140, -49.6520, 59.0098

# 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.



137.6770, -33.8578, -13.7487



136.2860, 49.6520, -59.0098



145.8300, -38.8632, 51.8921

# Square

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



136.2860, 49.6520, -59.0098



148.3970, -1.6747, 70.6888



142.6770, -43.7178, 22.2083



117.1180, 17.1968, -102.7125



# Rectangle

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



136.2860, 49.6520, -59.0098



152.3490, 24.4779, 35.6509



142.6770, -43.7178, 22.2083



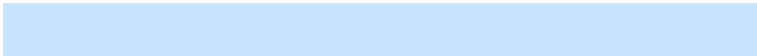
132.4590, -19.9463, -42.4985

# Sweetspot

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



136.2860, 49.6520, -59.0098



223.0050, 15.7735, -19.2984



177.1920, -11.9267, -94.8844



108.4530, 9.6367, -10.9213



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.



136.2860, 49.6520, -59.0098



124.9600, 64.1097, -76.2639



88.1520, 73.3821, -16.7963



110.1890, 3.3578, -3.6738



72.2900, 53.5940, -63.3983



21.4180, 16.0629, -18.7836



# Inverse Universe

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



128.5800, 11.0531, 95.0843



114.9670, 14.3133, 122.8089



217.8480, -73.3821, 16.7963



109.8590, 0.5625, 6.2627



64.1510, 11.7576, 102.4766

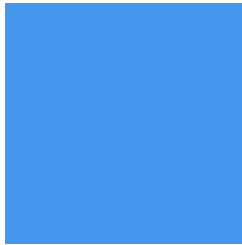


19.1100, 3.3968, 30.5985



# Previews

## White Background



This preview shows how the YUV color 136.2860, 49.6520, -59.0098 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

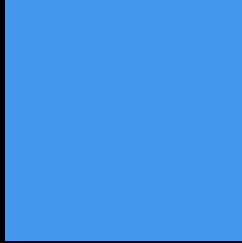
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 136.2860, 49.6520, -59.0098 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

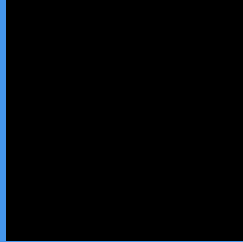
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

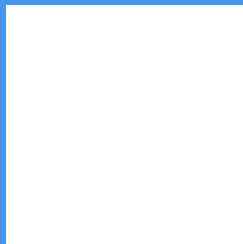
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 136.2860, 49.6520, -59.0098

## Background



This preview shows how black text looks on a background with the YUV color 136.2860, 49.6520, -59.0098.



This preview shows how white text looks on a background with the YUV color 136.2860, 49.6520, -59.0098.

-59.0098.

# 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

136.2860, 49.6520, -59.0098

### Protanopia

145.2470, 42.2762, -26.5266

### Deuteranopia

140.9290, 47.8560, -42.9107



## Tritanopia

115.7450, 29.7057, -101.5084

# Trichromacy



## Original Color

136.2860, 49.6520, -59.0098

## Protanomaly

142.1530, 44.7876, -38.7222

## Deuteranomaly

139.1240, 48.7459, -48.3437

## Tritanomaly

123.3800, 36.7877, -86.2793

# Monochromacy



## Original Color

136.2860, 49.6520, -59.0098

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

135.9770, 18.2523, -21.0278

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.2860, 49.6520, -59.0098 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, 237)` looks like.

```
.text, #text, p{  
  color:rgb(69, 151, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 151, 237) }
```

## Border

The CSS property to change the border of an element to YUV 136.2860, 49.6520, -59.0098 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, 237) }
```



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

```
.border{ border-color:rgb(69, 151, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 151, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 151, 237);  
box-shadow:4px 4px 4px 4px rgb(69, 151,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 136.2860, 49.6520, -59.0098 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, 237) }
```

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

```
.background{ background-color: rgb(69, 151,  
237) }
```

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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