

# Converting Colors

YUV(146.9410, 39.4691,  
-59.5843)

Have a look what the booklet for  
YUV(146.9410, 39.4691, -59.5843)  
contains.

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# Color

**YUV(146.9410, 39.4691,  
-59.5843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FA6E3
RGB	79, 166, 227
RGB Percent	31%, 65%, 89%
CMY	0.6902, 0.3490, 0.1098
CMYK	0.65, 0.27, 0.00, 0.11
HSL	205°, 73%, 60%
HSV	205°, 65%, 89%
XYZ	30.7258, 34.4808, 77.7091
YIQ	146.9410, -71.4330, 0.5270

# Conversions

## Conversions Part 2

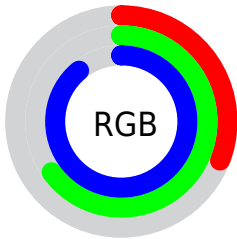
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	79, 134, 227
Decimal	5220067
CIE Lab	65.34, -7.46, -38.49
CIE LCh	65, 39.202, 259.033
Yxy	34.4808, 0.2150, 0.2413
Android (android.graphics.Color)	4283410147 (0xFF4FA6E3)
YUV	146.9410, 39.4691, -59.5843
Hunter-Lab	58.7203, -9.3592, -37.3588

# Details

The YUV color **146.9410, 39.4691, -59.5843** 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 **159.0590, -39.4691, 59.5843**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9560, 26.6437, -52.5814**, and **86.4120, 41.7019, -75.7833** is the 20% darker color. If you saturate the color by 10%, you get **134.7810, 45.4640, -69.0909**, and if you desaturate by 10%, it is **159.1010, 33.4742, -50.0776**.

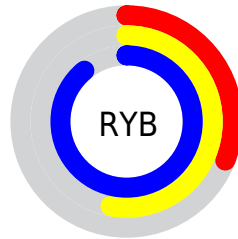
# Distribution



Red (31%)

Green (65%)

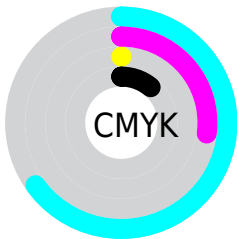
Blue (89%)



Red (31%)

Yellow (53%)

Blue (89%)

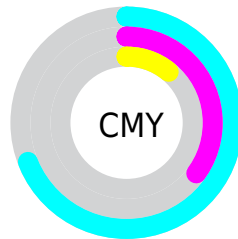


Cyan (65%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (69%)

Magenta (35%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 146.9410, 39.4691, -59.5843 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 146.9410, 39.4691, -59.5843 by changing the saturation by 10% instead.



■ 146.9410, 39.4691,  
-59.5843

■ 146.9410, 39.4691,  
-59.5843

255.0000, 0.0000,  
0.0000

■ 117.1250, 40.3644,  
-66.7616

■ 200.9560, 26.6437,  
-52.5814

■ 86.4120, 41.7019,  
-75.7833

■ 226.3620, 14.1185,  
-48.5525

■ 69.3600, 37.2905,  
-60.8287

■ 238.8540, 7.9600,  
-33.1980

■ 52.8950, 32.5898,  
-46.3889

■ 248.1230, 3.3904,  
-14.1399

■ 37.1310, 28.0364,  
-32.5639

■ 22.6550, 23.3411,  
-19.8684

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,  
-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 146.9410, 39.4691,  
-59.5843

■ 146.9410, 39.4691,  
-59.5843

■ 134.7810, 45.4640,  
-69.0909

■ 159.1010, 33.4742,  
-50.0776

■ 122.3330, 51.6008,  
-77.4680

■ 171.5490, 27.3373,  
-41.7005

■ 110.1730, 57.5957,  
-86.9747

■ 183.7090, 21.3425,  
-32.1938

■ 103.9490, 60.6641,  
-91.1633

■ 195.8690, 15.3476,  
-22.6871

■ 208.6160, 9.0633,  
-13.6952

■ 220.4770, 3.2158,  
-4.8033

■ 232.6370, -2.7790,  
4.7034

■ 243.5900, -8.1789,  
10.0066

■ 248.8730,  
-10.7834, 5.3734

# Harmonies

## Analogous

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



126.1920, 41.8103, -110.6704



146.9410, 39.4691, -59.5843



158.8050, 32.6341, -13.8610

# Triad

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



146.9410, 39.4691, -59.5843



161.0890, -11.3829, 57.8039



149.1990, -18.8321, -26.4845

# Complementary

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



146.9410, 39.4691, -59.5843



159.0590, -39.4691, 59.5843

# 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.



154.1830, -31.1492, 4.2245



146.9410, 39.4691, -59.5843



159.2610, -25.7647, 50.6371

# Square

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



146.9410, 39.4691, -59.5843



162.3880, 5.2317, 48.7717



156.7780, -33.4146, 30.8897



140.3590, 1.7950, -62.5818



# Rectangle

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



146.9410, 39.4691, -59.5843



162.6080, 24.8433, 11.7448



156.7780, -33.4146, 30.8897



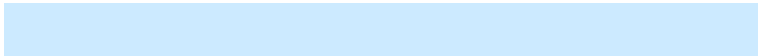
150.7120, -23.5220, -15.5334

# Sweetspot

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



146.9410, 39.4691, -59.5843



227.4240, 13.5950, -20.5428



172.6020, -17.0588, -82.0890



111.1000, 8.3317, -12.3657



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.



146.9410, 39.4691, -59.5843



147.3650, 53.0641, -80.1271



104.6770, 60.3052, -22.5187



108.4770, 3.2158, -4.8033



82.0410, 47.8008, -71.9500



23.4240, 13.5950, -20.5428



# Inverse Universe

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



133.1700, 16.1852, 82.2889



128.8390, 21.7714, 110.6432



201.3230, -60.3052, 22.5187



107.3860, 1.2887, 6.6775



65.4910, 19.4779, 99.5474



18.6690, 5.5862, 28.3543



# Previews

## White Background



This preview shows how the YUV color 146.9410, 39.4691, -59.5843 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

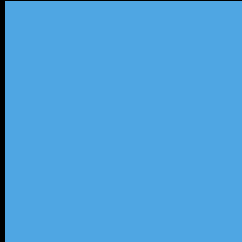
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 146.9410, 39.4691, -59.5843 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

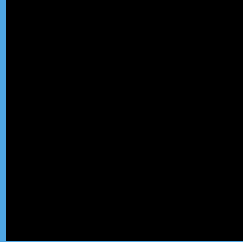
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

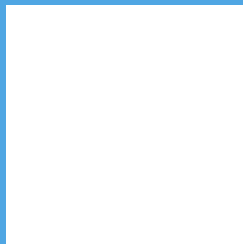
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 146.9410, 39.4691, -59.5843

## Background



This preview shows how black text looks on a background with the YUV color 146.9410, 39.4691, -59.5843.



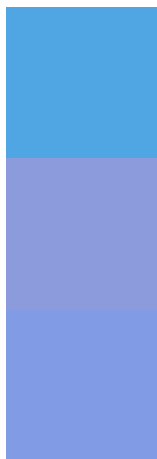
This preview shows how white text looks on a background with the YUV color 146.9410, 39.4691, -59.5843.

-59.5843.

# 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

146.9410, 39.4691, -59.5843

### Protanopia

157.5120, 30.3136, -16.2350

### Deuteranopia

156.2490, 35.8662, -23.8974



## Tritanopia

139.9120, 23.2144, -72.7138

# Trichromacy



## Original Color

146.9410, 39.4691, -59.5843

## Protanomaly

153.6240, 33.7094, -32.1192

## Deuteranomaly

153.1010, 36.9252, -36.9226

## Tritanomaly

142.2530, 29.4553, -67.7509

# Monochromacy



## Original Color

146.9410, 39.4691, -59.5843

## Achromatopsia

147.0000, 0.0000, 0.0000

## Achromatomaly

146.9400, 14.3266, -21.8724

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.9410, 39.4691, -59.5843 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(79, 166, 227)` looks like.

```
.text, #text, p{  
    color:rgb(79, 166, 227)  
}
```

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(79, 166, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 166, 227) }
```

## Border

The CSS property to change the border of an element to YUV 146.9410, 39.4691, -59.5843 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(79, 166, 227) }
```



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

```
.border{ border-color:rgb(79, 166, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 166, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 166, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 166, 227);  
box-shadow:4px 4px 4px 4px rgb(79, 166,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 146.9410, 39.4691, -59.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 166, 227) }
```

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

```
.background{ background-color: rgb(79, 166,  
227) }
```

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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