

Converting Colors

YUV(159.3140, 47.1732,
-57.2804)

Have a look what the booklet for
YUV(159.3140, 47.1732, -57.2804)
contains.

YUV(159.3140, 47.1732, -57.2804)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(159.3140, 47.1732,
-57.2804)**

Conversions

Conversions Part 1

Format	Color
Hex	5EAEFF
RGB	94, 174, 255
RGB Percent	37%, 68%, 100%
CMY	0.6314, 0.3176, 0.0000
CMYK	0.63, 0.32, 0.00, 0.00
HSL	210°, 100%, 68%
HSV	210°, 63%, 100%
XYZ	37.8021, 39.8718, 100.3114
YIQ	159.3140, -73.6810, 8.2310

Conversions

Conversions Part 2

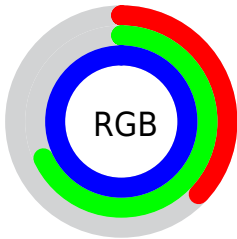
Format	Color
R _Y B	94, 147, 255
Decimal	6205183
CIE Lab	69.38, -0.31, -47.40
CIE LCh	69, 47.405, 269.629
Yxy	39.8718, 0.2124, 0.2240
Android (android.graphics.Color)	4284395263 (0xFF5EAEFF)
YUV	159.3140, 47.1732, -57.2804
Hunter-Lab	63.1441, -3.6406, -49.9878

Details

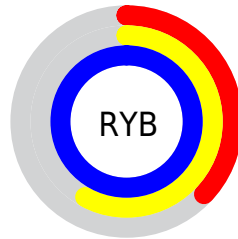
The YUV color **159.3140, 47.1732, -57.2804** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **189.6860, -47.1732, 57.2804**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4360, 21.9701, -46.8634**, and **94.1860, 51.1803, -82.6011** is the 20% darker color. If you saturate the color by 10%, you get **144.2080, 54.6205, -65.9574**, and if you desaturate by 10%, it is **174.7190, 39.5785, -47.9886**.

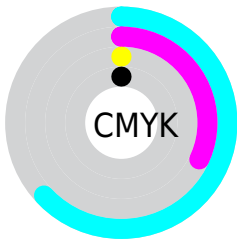
Distribution



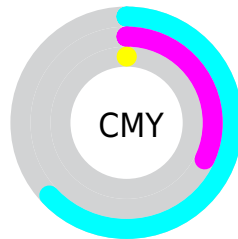
- Red (37%)
- Green (68%)
- Blue (100%)



- Red (37%)
- Yellow (58%)
- Blue (100%)



- Cyan (63%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.3140, 47.1732, -57.2804 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 159.3140, 47.1732, -57.2804 by changing the saturation by 10% instead.

■ 159.3140, 47.1732,
-57.2804

■ 159.3140, 47.1732,
-57.2804

255.0000, 0.0000,
0.0000

■ 129.9820, 47.3369,
-63.1282

■ 210.4360, 21.9701,
-46.8634

■ 94.1860, 51.1803,
-82.6011

■ 234.6680, 10.0237,
-41.8048

■ 76.3190, 46.1847,
-66.9318

■ 243.9370, 5.4541,
-22.7467

■ 59.7400, 41.0472,
-52.3920

■ 252.9070, 1.0318,
-4.3034

■ 43.8620, 36.0570,
-38.4670

■ 29.2720, 30.9249,
-25.6715

■ 12.4480, 27.3871,

-10.9169

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 159.3140, 47.1732,
-57.2804

■ 159.3140, 47.1732,
-57.2804

■ 144.2080, 54.6205,
-65.9574

■ 174.7190, 39.5785,
-47.9886

■ 128.8030, 62.2151,
-75.2492

■ 189.8250, 32.1313,
-39.3115

■ 114.2840, 69.3730,
-84.4411

■ 204.6430, 24.8260,
-29.5049

■ 103.6190, 74.6308,
-90.8739

■ 219.7490, 17.3787,
-20.8279

■ 235.1540, 9.7841,
-11.5361

■ 250.2600, 2.3368,
-2.8590

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



136.2970, 52.6046, -119.5325



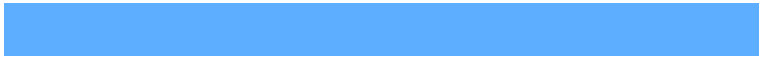
159.3140, 47.1732, -57.2804



171.9900, 35.5009, 0.0088

Triad

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



159.3140, 47.1732, -57.2804



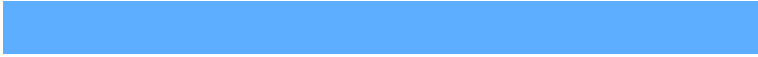
170.1630, -20.2934, 69.1400



153.7940, -14.6884, -48.9313

Complementary

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



159.3140, 47.1732, -57.2804



189.6860, -47.1732, 57.2804

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.



161.0090, -34.0214, -7.9009



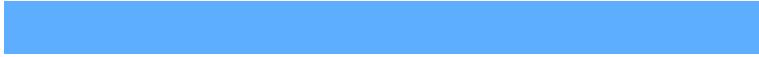
159.3140, 47.1732, -57.2804



168.3510, -35.6690, 54.0662

Square

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



159.3140, 47.1732, -57.2804



172.4180, -0.2061, 66.2854



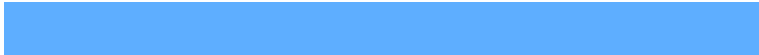
165.8670, -41.8394, 26.4266



131.1550, 17.6716, -115.0229

Rectangle

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



159.3140, 47.1732, -57.2804



174.1310, 25.0784, 29.7031



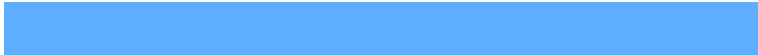
165.8670, -41.8394, 26.4266



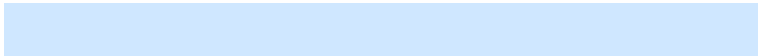
156.6450, -22.0100, -33.8917

Sweetspot

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



159.3140, 47.1732, -57.2804



226.5600, 14.0209, -17.1541



197.7410, -11.2113, -90.9809



110.2250, 8.7631, -10.7213



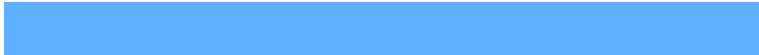
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.3140, 47.1732, -57.2804



139.4680, 56.9573, -68.8164



112.3540, 70.3245, -16.0965



120.0040, 3.9420, -4.3885



77.5390, 55.9363, -68.0017



26.0800, 18.6946, -22.8722

Inverse Universe

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



151.2590, 11.2113, 90.9809



129.9500, 13.3357, 109.6689



236.6460, -70.3245, 16.0965



119.5710, 0.7045, 7.3922



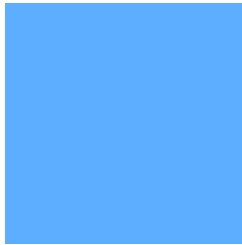
67.9390, 13.3411, 107.9245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 159.3140, 47.1732, -57.2804 looks on a white background.

Color Contrast Check

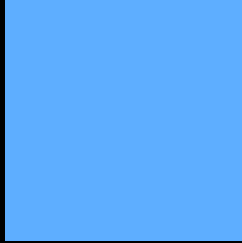
Large Text (above 18pt) WCAG AA × Fail

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 159.3140, 47.1732, -57.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

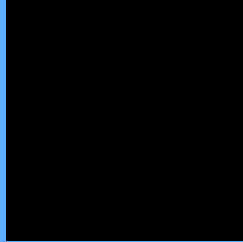
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

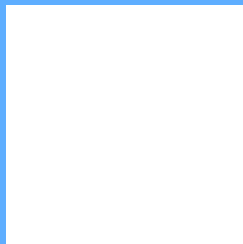
Any Text WCAG AAA ✓ Pass

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

YUV 159.3140, 47.1732, -57.2804 Background



This preview shows how black text looks on a background with the YUV color 159.3140, 47.1732, -57.2804.



This preview shows how white text looks on a background with the YUV color 159.3140, 47.1732, -57.2804.

-57.2804.

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

159.3140, 47.1732, -57.2804

Protanopia

167.8730, 39.5026, -23.5676

Deuteranopia

165.6590, 44.0451, -33.9039



Tritanopia

151.1290, 24.0934, -74.6581

Trichromacy



Original Color

159.3140, 47.1732, -57.2804

Protanomaly

164.8930, 42.4508, -35.8632

Deuteranomaly

163.2450, 45.2352, -42.3109

Tritanomaly

154.0510, 32.5129, -68.4507

Monochromacy



Original Color

159.3140, 47.1732, -57.2804

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.7490, 17.3787, -20.8279

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3140, 47.1732, -57.2804 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(94, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 174, 255)  
}
```

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(94, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 174, 255) }
```

Border

The CSS property to change the border of an element to YUV 159.3140, 47.1732, -57.2804 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(94, 174, 255) }
```


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

```
.border{ border-color:rgb(94, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 174,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 159.3140, 47.1732, -57.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 174, 255) }
```

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

```
.background{ background-color: rgb(94, 174,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor