

Converting Colors

YUV(159.7650, 46.4579,
-61.1839)

Have a look what the booklet for
YUV(159.7650, 46.4579, -61.1839)
contains.

YUV(159.7650, 46.4579, -61.1839)	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(159.7650, 46.4579,
-61.1839)**

Conversions

Conversions Part 1

Format	Color
Hex	5AB1FE
RGB	90, 177, 254
RGB Percent	35%, 69%, 100%
CMY	0.6471, 0.3059, 0.0039
CMYK	0.65, 0.30, 0.00, 0.00
HSL	208°, 99%, 67%
HSV	208°, 65%, 100%
XYZ	37.8280, 40.7737, 99.6423
YIQ	159.7650, -76.5690, 5.5030

Conversions

Conversions Part 2

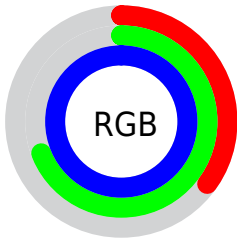
Format	Color
R _Y B	90, 147, 254
Decimal	5943806
CIE Lab	70.02, -2.98, -45.87
CIE LCh	70, 45.965, 266.286
Yxy	40.7737, 0.2122, 0.2288
Android (android.graphics.Color)	4284133886 (0xFF5AB1FE)
YUV	159.7650, 46.4579, -61.1839
Hunter-Lab	63.8543, -5.9996, -47.8219

Details

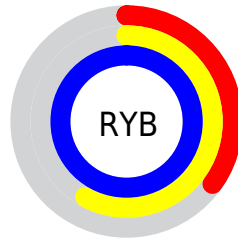
The YUV color **159.7650, 46.4579, -61.1839** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **184.2350, -46.4579, 61.1839**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3000, 21.5441, -50.2521**, and **95.8330, 49.8753, -84.0455** is the 20% darker color. If you saturate the color by 10%, you get **145.2460, 53.6157, -70.3757**, and if you desaturate by 10%, it is **174.2840, 39.3000, -51.9921**.

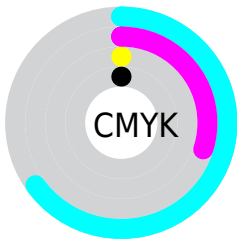
Distribution



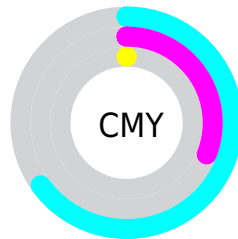
- Red (35%)
- Green (69%)
- Blue (100%)



- Red (35%)
- Yellow (58%)
- Blue (100%)



- Cyan (65%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7650, 46.4579, -61.1839 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 159.7650, 46.4579, -61.1839 by changing the saturation by 10% instead.

■ 159.7650, 46.4579,
-61.1839

■ 159.7650, 46.4579,
-61.1839

255.0000, 0.0000,
0.0000

■ 129.2480, 47.2057,
-67.7465

■ 211.3000, 21.5441,
-50.2521

■ 95.8330, 49.8753,
-84.0455

■ 233.7710, 10.4659,
-43.6492

■ 77.9660, 44.8798,
-68.3762

■ 243.0400, 5.8963,
-24.5911

■ 61.5010, 40.1790,
-53.9364

■ 252.0100, 1.4741,
-6.1478

■ 45.0360, 35.4783,
-39.4966

■ 30.3320, 29.9093,
-26.6012

■ 12.4480, 27.3871,

-10.9169

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 159.7650, 46.4579,
-61.1839

■ 159.7650, 46.4579,
-61.1839

■ 145.2460, 53.6157,
-70.3757

■ 174.2840, 39.3000,
-51.9921

■ 130.4280, 60.9210,
-80.1824

■ 189.1020, 31.9947,
-42.1855

■ 115.9090, 68.0789,
-89.3742

■ 203.6210, 24.8368,
-32.9936

■ 108.2010, 71.8789,
-94.8923

■ 218.4390, 17.5316,
-23.1870

■ 232.9580, 10.3737,
-13.9952

■ 247.4770, 3.2158,
-4.8033

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



137.1290, 50.7154, -120.2621



159.7650, 46.4579, -61.1839



173.0710, 35.9540, -5.3243

Triad

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



159.7650, 46.4579, -61.1839



172.4340, -17.9620, 68.0254



156.9690, -16.7467, -42.0688

Complementary

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



159.7650, 46.4579, -61.1839



184.2350, -46.4579, 61.1839

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.



164.2160, -34.6165, -3.6974



159.7650, 46.4579, -61.1839



170.6330, -33.3431, 54.6959

Square

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



159.7650, 46.4579, -61.1839



174.2650, 1.8414, 62.9116



167.9320, -40.3925, 29.0006



138.8750, 12.3866, -99.8684

Rectangle

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



159.7650, 46.4579, -61.1839



176.3260, 25.9683, 24.2701



167.9320, -40.3925, 29.0006



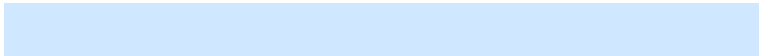
159.9230, -23.6260, -28.8735

Sweetspot

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



159.7650, 46.4579, -61.1839



227.1470, 13.7315, -17.6689



195.0460, -13.8267, -92.1253



110.8120, 8.4737, -11.2361



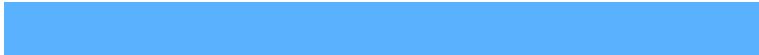
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



159.7650, 46.4579, -61.1839



142.3920, 55.5157, -73.1348



111.6310, 70.1879, -18.9704



120.5910, 3.6526, -4.9033



81.0610, 54.1999, -71.0905



27.2540, 18.1158, -23.9018

Inverse Universe

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



148.9540, 13.8267, 92.1253



129.4600, 16.5352, 110.0986



232.3690, -70.1879, 18.9704



119.6850, 1.1413, 7.2923



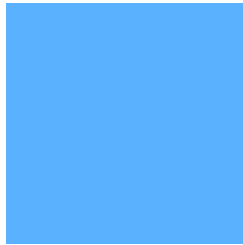
68.6230, 15.9619, 107.3246



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 159.7650, 46.4579, -61.1839 looks on a white background.

Color Contrast Check

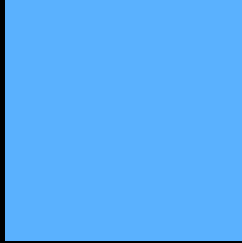
Large Text (above 18pt) WCAG AA × Fail

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 159.7650, 46.4579, -61.1839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

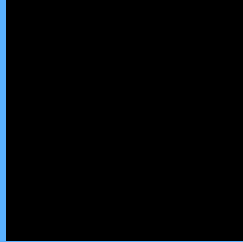
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

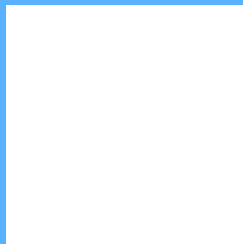
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.7650, 46.4579, -61.1839

Background



This preview shows how black text looks on a background with the YUV color 159.7650, 46.4579, -61.1839.



This preview shows how white text looks on a background with the YUV color 159.7650, 46.4579, -61.1839.

-61.1839.

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

159.7650, 46.4579, -61.1839

Protanopia

169.4280, 37.7500, -21.4234

Deuteranopia

167.4420, 43.1661, -31.9596



Tritanopia

151.3350, 24.9778, -78.3468

Trichromacy



Original Color

159.7650, 46.4579, -61.1839

Protanomaly

166.1380, 40.8510, -36.0780

Deuteranomaly

164.7180, 44.5090, -42.7257

Tritanomaly

154.1430, 32.9605, -72.0394

Monochromacy



Original Color

159.7650, 46.4579, -61.1839

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.9230, 16.8000, -21.8575

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7650, 46.4579, -61.1839 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(90, 177, 254)` looks like.

```
.text, #text, p{  
    color:rgb(90, 177, 254)  
}
```

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(90, 177, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 177, 254) }
```

Border

The CSS property to change the border of an element to YUV 159.7650, 46.4579, -61.1839 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(90, 177, 254) }
```


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

```
.border{ border-color:rgb(90, 177, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 177, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 177, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 177, 254);  
box-shadow:4px 4px 4px 4px rgb(90, 177,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 159.7650, 46.4579, -61.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 177, 254) }
```

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

```
.background{ background-color: rgb(90, 177,  
254) }
```

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