

Converting Colors

YUV(161.8180, -44.7733,
-59.4764)

Have a look what the booklet for
YUV(161.8180, -44.7733, -59.4764)
contains.

YUV(161.8180, -44.7733, -59.4764)	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(161.8180, -44.7733,
-59.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	5ED647
RGB	94, 214, 71
RGB Percent	37%, 84%, 28%
CMY	0.6314, 0.1608, 0.7216
CMYK	0.56, 0.00, 0.67, 0.16
HSL	110°, 64%, 56%
HSV	110°, 67%, 84%
XYZ	29.8000, 50.9278, 14.2207
YIQ	161.8180, -25.6170, -69.9130

Conversions

Conversions Part 2

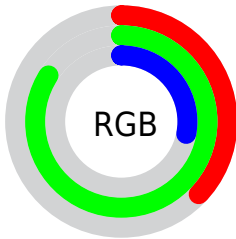
Format	Color
RYB	71, 214, 191
Decimal	6215239
CIELab	76.64, -59.62, 58.24
CIElCh	77, 83.344, 135.667
Yxy	50.9278, 0.3139, 0.5364
Android (android.graphics.Color)	4284405319 (0xFF5ED647)
YUV	161.8180, -44.7733, -59.4764
Hunter-Lab	71.3637, -50.3485, 38.1398

Details

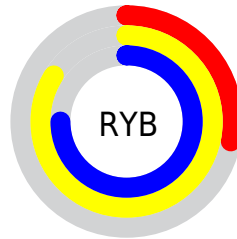
The YUV color **161.8180, -44.7733, -59.4764** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **123.1820, 44.7733, 59.4764**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3940, -41.6062, -48.5805**, and **96.0350, -47.3453, -74.5757** is the 20% darker color. If you saturate the color by 10%, you get **154.0420, -51.2927, -68.4428**, and if you desaturate by 10%, it is **169.5940, -38.2538, -50.5099**.

Distribution



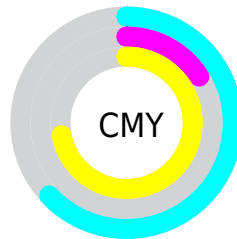
- Red (37%)
- Green (84%)
- Blue (28%)



- Red (28%)
- Yellow (84%)
- Blue (75%)



- Cyan (56%)
- Magenta (0%)
- Yellow (67%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.8180, -44.7733, -59.4764 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 161.8180, -44.7733, -59.4764 by changing the saturation by 10% instead.

■ 161.8180,
-44.7733, -59.4764

■ 161.8180,
-44.7733, -59.4764

■ 255.0000, 0.0000,
0.0000

■ 132.2090,
-44.4730, -62.4503

■ 210.3940,
-41.6062, -48.5805

■ 96.0350, -47.3453,
-74.5757

■ 222.1430,
-34.0875, -33.4514

■ 76.8970, -37.9102,
-67.4387

■ 234.3050,
-26.2794, -17.8075

■ 61.6350, -30.3861,
-54.0539

■ 246.8800,
-18.1818, -1.6488

■ 46.3730, -22.8619,
-40.6691

■ 253.1760, -6.9888,
1.5996

■ 32.8720, -16.2059,
-28.8287

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 161.8180,
-44.7733, -59.4764

■ 161.8180,
-44.7733, -59.4764

■ 154.0420,
-51.2927, -68.4428

■ 169.5940,
-38.2538, -50.5099

■ 146.1520,
-58.2489, -77.3093

■ 177.4840,
-31.2976, -41.6435

■ 138.3760,
-64.7684, -86.2758

■ 185.2600,
-24.7782, -32.6770

■ 135.7840,
-66.9415, -89.2646

■ 193.1500,
-17.8220, -23.8106

■ 200.9260,
-11.3025, -14.8441

■ 208.7020, -4.7831,
-5.8777

■ 216.5920, 2.1731,
2.9888

■ 224.3680, 8.6926,
11.9553

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



172.4380, -85.0119, 13.6479



161.8180, -44.7733, -59.4764



147.1860, 0.4013, -129.0821

Triad

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



161.8180, -44.7733, -59.4764



151.1660, 51.1902, -132.5726



158.7300, -3.3179, 84.4288

Complementary

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



161.8180, -44.7733, -59.4764



123.1820, 44.7733, 59.4764

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.



170.4430, 28.8686, 74.1565



161.8180, -44.7733, -59.4764



166.9780, 43.3948, -58.7397

Square

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



161.8180, -44.7733, -59.4764



158.7970, 47.4281, -139.2650



189.1900, 32.4443, 47.1914



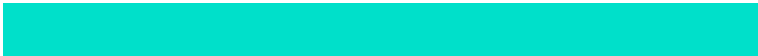
166.3710, -42.5809, 77.7276

Rectangle

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



161.8180, -44.7733, -59.4764



154.5160, 23.4096, -135.5105



189.1900, 32.4443, 47.1914



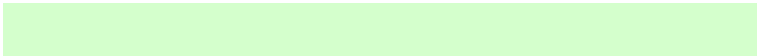
159.9330, 8.9070, 83.3738

Sweetspot

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



161.8180, -44.7733, -59.4764



236.3290, -15.9382, -21.3365



183.6100, -55.5167, 26.6520



116.6920, -9.7082, -12.8849



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.



161.8180, -44.7733, -59.4764



180.6150, -63.9002, -84.7314



160.4130, -20.4166, -78.4152



103.0550, -3.4781, -4.4332



108.4500, -53.4658, -71.4316



27.3340, -13.4757, -17.8329

Inverse Universe

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



123.1820, 44.7733, 59.4764



125.3850, 63.9002, 84.7314



124.5870, 20.4166, 78.4152



99.9450, 3.4781, 4.4332



62.2510, 53.6133, 70.8169



15.6660, 13.4757, 17.8329

Previews

White Background



This preview shows how the YUV color 161.8180, -44.7733, -59.4764 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 161.8180, -44.7733, -59.4764 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 161.8180, -44.7733, -59.4764 Background



This preview shows how black text looks on a background with the YUV color 161.8180, -44.7733, -59.4764.



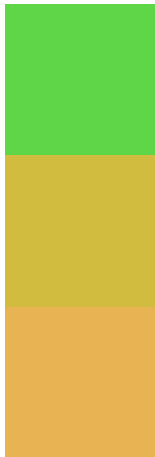
This preview shows how white text looks on a background with the YUV color 161.8180, -44.7733, -59.4764.

-59.4764.

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

161.8180, -44.7733, -59.4764

Protanopia

180.4420, -57.4059, 25.9224

Deuteranopia

183.9030, -49.7452, 42.1811



Tritanopia

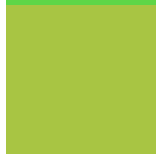
179.1000, 18.1917, -48.3227

Trichromacy



Original Color

161.8180, -44.7733, -59.4764



Protanomaly

173.5090, -52.5089, -4.8314



Deuteranomaly

176.1280, -47.8841, 5.1497



Tritanomaly

172.7040, -4.7841, -52.3604

Monochromacy



Original Color

161.8180, -44.7733, -59.4764



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

161.9160, -16.2276, -21.8513

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.8180, -44.7733, -59.4764 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, 214, 71)` looks like.

```
.text, #text, p{  
    color:rgb(94, 214, 71)  
}
```

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, 214, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 214, 71) }
```

Border

The CSS property to change the border of an element to YUV 161.8180, -44.7733, -59.4764 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, 214, 71) }
```


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

```
.border{ border-color:rgb(94, 214, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 214, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 214, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 214, 71);  
box-shadow:4px 4px 4px 4px rgb(94, 214,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 161.8180, -44.7733, -59.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 214, 71) }
```

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

```
.background{ background-color: rgb(94, 214,  
71) }
```

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