

Converting Colors

YUV(181.8390, -60.0666,
-54.2328)

Have a look what the booklet for
YUV(181.8390, -60.0666, -54.2328)
contains.

YUV(181.8390, -60.0666, -54.2328)	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(181.8390, -60.0666,
-54.2328)**

Conversions

Conversions Part 1

Format	Color
Hex	78ED3C
RGB	120, 237, 60
RGB Percent	47%, 93%, 24%
CMY	0.5294, 0.0706, 0.7647
CMYK	0.49, 0.00, 0.75, 0.07
HSL	100°, 83%, 58%
HSV	100°, 75%, 93%
XYZ	38.8455, 64.8877, 14.7522
YIQ	181.8390, -12.9150, -79.8510

Conversions

Conversions Part 2

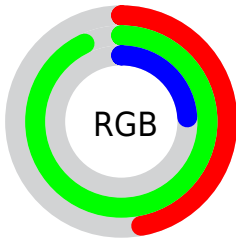
Format	Color
RYB	60, 237, 177
Decimal	7925052
CIELab	84.43, -61.82, 70.43
CIElCh	84, 93.707, 131.275
Yxy	64.8877, 0.3279, 0.5476
Android (android.graphics.Color)	4286115132 (0xFF78ED3C)
YUV	181.8390, -60.0666, -54.2328
Hunter-Lab	80.5529, -54.8884, 45.5289

Details

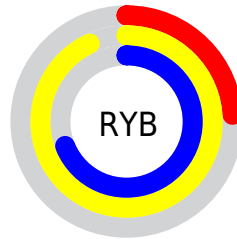
The YUV color **181.8390, -60.0666, -54.2328** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **115.1610, 60.0666, 54.2328**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3700, -48.4964, -31.8965**, and **121.5070, -59.9030, -60.0806** is the 20% darker color. If you saturate the color by 10%, you get **174.3190, -68.1913, -61.6698**, and if you desaturate by 10%, it is **189.3590, -51.9420, -46.7958**.

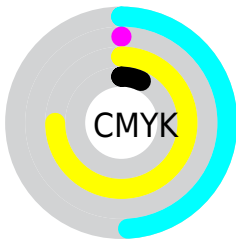
Distribution



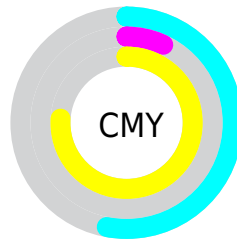
- Red (47%)
- Green (93%)
- Blue (24%)



- Red (24%)
- Yellow (93%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (75%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.8390, -60.0666, -54.2328 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 181.8390, -60.0666, -54.2328 by changing the saturation by 10% instead.

■ 181.8390,
-60.0666, -54.2328

■ 181.8390,
-60.0666, -54.2328

■ 255.0000, 0.0000,
0.0000

■ 150.9160,
-63.5556, -55.1773

■ 217.3700,
-48.4964, -31.8965

■ 121.5070,
-59.9030, -60.0806

■ 229.5320,
-40.6883, -16.2526

■ 89.8110, -44.2768,
-78.7642

■ 242.1070,
-32.5908, -0.0938

■ 73.9620, -36.4633,
-64.8647

■ 249.3000,
-21.8399, 4.9989

■ 58.7000, -28.9391,
-51.4799

■ 252.7200, -8.7360,
1.9996

■ 43.4380, -21.4149,
-38.0951

■ 30.5240, -15.0483,

-26.7695

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 181.8390,
-60.0666, -54.2328

■ 181.8390,
-60.0666, -54.2328

■ 174.3190,
-68.1913, -61.6698

■ 189.3590,
-51.9420, -46.7958

■ 167.2120,
-76.0265, -68.5919

■ 196.4660,
-44.1067, -39.8737

■ 163.0390,
-80.3782, -72.8252

■ 203.9860,
-35.9821, -32.4367

■ 211.5060,
-27.8575, -24.9998

■ 218.7270,
-19.5854, -18.1776

■ 226.1330,
-11.8976, -10.6406

■ 233.6530, -3.7729,
-3.2037

■ 240.8740, 4.4991,
3.6185

■ 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



193.4580, -95.3748, 24.1543



181.8390, -60.0666, -54.2328



162.0890, -5.9599, -142.1521

Triad

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



181.8390, -60.0666, -54.2328



167.6020, 43.0872, -146.9870



164.9710, 7.9023, 78.9554

Complementary

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



181.8390, -60.0666, -54.2328



115.1610, 60.0666, 54.2328

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.



181.0380, 36.4633, 64.8647



181.8390, -60.0666, -54.2328



154.4330, 49.5795, -129.2987

Square

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



181.8390, -60.0666, -54.2328



174.6460, 39.6145, -153.1645



205.6920, 24.3088, 43.2431



173.0050, -37.4705, 71.9096

Rectangle

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



181.8390, -60.0666, -54.2328



170.9180, 20.2534, -149.8951



205.6920, 24.3088, 43.2431



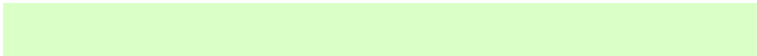
167.8040, 21.2956, 76.4709

Sweetspot

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



181.8390, -60.0666, -54.2328



237.5530, -19.0066, -17.1480



180.4280, -59.3710, 49.6136



117.5460, -11.6082, -10.1258



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.



181.8390, -60.0666, -54.2328



183.3320, -78.0577, -70.4512



166.9770, -39.4287, -93.8188



113.6530, -3.7729, -3.2037



124.4860, -61.3716, -55.6772



37.0800, -18.2804, -16.7332

Inverse Universe

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



115.1610, 60.0666, 54.2328



96.6680, 78.0577, 70.4512



130.0230, 39.4287, 93.8188



109.3470, 3.7729, 3.2037



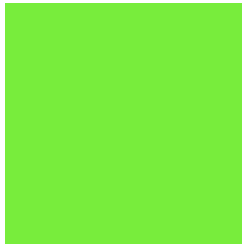
56.5140, 61.3716, 55.6772



16.6210, 18.4278, 16.1184

Previews

White Background



This preview shows how the YUV color 181.8390, -60.0666, -54.2328 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 181.8390, -60.0666, -54.2328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

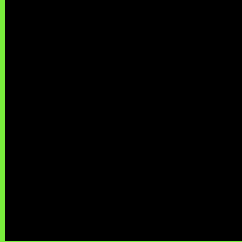
Any Text WCAG AA ✓ Pass

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 181.8390, -60.0666, -54.2328 Background



This preview shows how black text looks on a background with the YUV color 181.8390, -60.0666, -54.2328.



This preview shows how white text looks on a background with the YUV color 181.8390, -60.0666, -54.2328.

-54.2328.

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

181.8390, -60.0666, -54.2328

Protanopia

199.5770, -72.2625, 31.0660

Deuteranopia

205.7290, -49.1664, 43.2107



Tritanopia

201.8230, 18.3283, -45.4488

Trichromacy



Original Color

181.8390, -60.0666, -54.2328



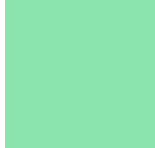
Protanomaly

193.2310, -67.6549, -0.2026



Deuteranomaly

196.7710, -53.1311, 8.0938



Tritanomaly

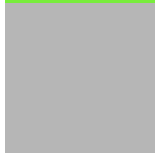
194.6460, -10.1785, -48.8015

Monochromacy



Original Color

181.8390, -60.0666, -54.2328



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

181.8470, -21.6166, -20.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.8390, -60.0666, -54.2328 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(120, 237, 60)` looks like.

```
.text, #text, p{  
    color:rgb(120, 237, 60)  
}
```

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(120, 237, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 237, 60) }
```

Border

The CSS property to change the border of an element to YUV 181.8390, -60.0666, -54.2328 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(120, 237, 60) }
```


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

```
.border{ border-color:rgb(120, 237, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 237, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 237, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 237, 60);  
box-shadow:4px 4px 4px 4px rgb(120, 237,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 181.8390, -60.0666, -54.2328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 237, 60) }
```

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

```
.background{ background-color: rgb(120,  
237, 60) }
```

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