

Converting Colors

YUV(148.8980, -39.3897,
-59.5465)

Have a look what the booklet for
YUV(148.8980, -39.3897, -59.5465)
contains.

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Color

**YUV(148.8980, -39.3897,
-59.5465)**

Conversions

Conversions Part 1

Format	Color
Hex	51C745
RGB	81, 199, 69
RGB Percent	32%, 78%, 27%
CMY	0.6824, 0.2196, 0.7294
CMYK	0.59, 0.00, 0.65, 0.22
HSL	114°, 54%, 53%
HSV	114°, 65%, 78%
XYZ	24.8909, 43.0258, 12.6232
YIQ	148.8980, -28.5980, -65.4460

Conversions

Conversions Part 2

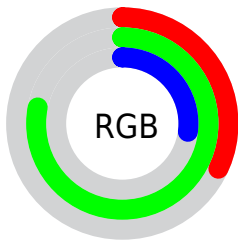
Format	Color
RYB	69, 199, 187
Decimal	5359429
CIELab	71.57, -57.58, 53.47
CIELCh	72, 78.572, 137.119
Yxy	43.0258, 0.3091, 0.5342
Android (android.graphics.Color)	4283549509 (0xFF51C745)
YUV	148.8980, -39.3897, -59.5465
Hunter-Lab	65.5941, -47.0544, 34.5059

Details

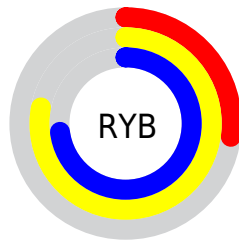
The YUV color **148.8980, -39.3897, -59.5465** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **119.1020, 39.3897, 59.5465**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8660, -40.8529, -56.8875**, and **84.9840, -39.9251, -74.5310** is the 20% darker color. If you saturate the color by 10%, you get **141.2360, -45.4723, -68.6130**, and if you desaturate by 10%, it is **156.5600, -33.3071, -50.4801**.

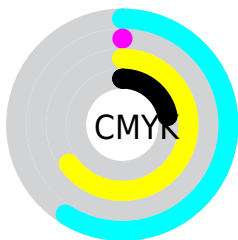
Distribution



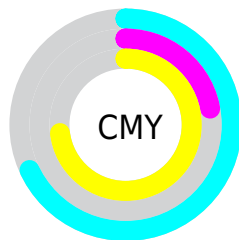
- Red (32%)
- Green (78%)
- Blue (27%)



- Red (27%)
- Yellow (78%)
- Blue (73%)



- Cyan (59%)
- Magenta (0%)
- Yellow (65%)
- Black (22%)



- Cyan (68%)
- Magenta (22%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.8980, -39.3897, -59.5465 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 148.8980, -39.3897, -59.5465 by changing the saturation by 10% instead.

■ 148.8980,
-39.3897, -59.5465

■ 148.8980,
-39.3897, -59.5465

■ 255.0000, 0.0000,
0.0000

■ 118.8050,
-38.3579, -63.8500

■ 205.8660,
-40.8529, -56.8875

■ 84.9840, -39.9251,
-74.5310

■ 217.9140,
-33.4816, -41.1436

■ 68.6790, -33.8587,
-60.2315

■ 230.0760,
-25.6735, -25.4997

■ 53.4170, -26.3346,
-46.8467

■ 242.2380,
-17.8653, -9.8557

■ 39.3290, -19.3892,
-34.4915

■ 252.7200, -8.7360,
1.9996

■ 25.8280, -12.7332,
-22.6512

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 148.8980,
-39.3897, -59.5465

■ 148.8980,
-39.3897, -59.5465

■ 141.2360,
-45.4723, -68.6130

■ 156.5600,
-33.3071, -50.4801

■ 133.5740,
-51.5550, -77.6794

■ 164.2220,
-27.2244, -41.4137

■ 125.9120,
-57.6376, -86.7458

■ 171.8840,
-21.1418, -32.3473

■ 122.1950,
-60.2421, -91.3790

■ 179.5460,
-15.0592, -23.2808

■ 187.2080, -8.9765,
-14.2144

■ 194.7560, -3.3307,
-5.0480

■ 202.4180, 2.7519,
4.0184

■ 210.3790, 8.6872,
13.6996

■ 218.0410, 14.7698,
22.7660

Harmonies

Analogous

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



159.1370, -78.4545, 10.4039



148.8980, -39.3897, -59.5465



136.9960, 1.9740, -120.1455

Triad

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



148.8980, -39.3897, -59.5465



141.7740, 55.8204, -124.3358



152.4380, -7.1179, 89.9469

Complementary

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



148.8980, -39.3897, -59.5465



119.1020, 39.3897, 59.5465

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.



162.2930, 23.0266, 81.3040



148.8980, -39.3897, -59.5465



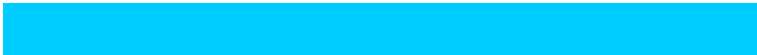
159.3690, 47.1461, -48.5586

Square

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



148.8980, -39.3897, -59.5465



149.4050, 52.0583, -131.0282



178.2590, 37.8333, 45.3769



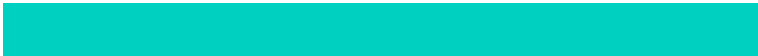
160.6490, -44.1970, 82.7458

Rectangle

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



148.8980, -39.3897, -59.5465



143.8700, 23.2351, -126.1740



178.2590, 37.8333, 45.3769



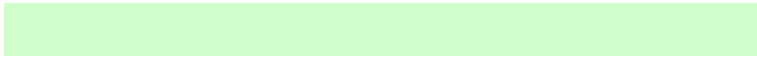
153.2990, 3.7966, 89.1918

Sweetspot

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



148.8980, -39.3897, -59.5465



235.4320, -15.4960, -23.1809



176.5490, -53.0217, 19.6895



116.0940, -9.4133, -14.1144



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.



148.8980, -39.3897, -59.5465



178.1950, -60.2421, -91.3790



151.2380, -14.9073, -72.1227



95.2830, -2.6045, -4.6332



100.1660, -49.3818, -74.6906



22.0290, -10.8603, -16.6884

Inverse Universe

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



119.1020, 39.3897, 59.5465



132.8050, 60.2421, 91.3790



116.7620, 14.9073, 72.1227



93.7170, 2.6045, 4.6332



62.8340, 49.3818, 74.6906



13.6720, 11.0077, 16.0737

Previews

White Background



This preview shows how the YUV color 148.8980, -39.3897, -59.5465 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 148.8980, -39.3897, -59.5465 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 148.8980, -39.3897, -59.5465 Background



This preview shows how black text looks on a background with the YUV color 148.8980, -39.3897, -59.5465.



This preview shows how white text looks on a background with the YUV color 148.8980, -39.3897, -59.5465.

-59.5465.

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

148.8980, -39.3897, -59.5465

Protanopia

167.2120, -51.8695, 23.4931

Deuteranopia

170.8470, -44.7876, 38.7222



Tritanopia

165.2850, 17.6075, -47.6079

Trichromacy



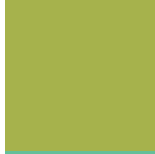
Original Color

148.8980, -39.3897, -59.5465



Protanomaly

160.5780, -47.1200, -6.6459



Deuteranomaly

162.7840, -42.7845, 2.8204



Tritanomaly

159.4590, -3.1843, -52.1455

Monochromacy



Original Color

148.8980, -39.3897, -59.5465



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.7850, -14.1910, -21.7364

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.8980, -39.3897, -59.5465 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(81, 199, 69)` looks like.

```
.text, #text, p{  
    color:rgb(81, 199, 69)  
}
```

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(81, 199, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 199, 69) }
```

Border

The CSS property to change the border of an element to YUV 148.8980, -39.3897, -59.5465 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(81, 199, 69) }
```


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

```
.border{ border-color:rgb(81, 199, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 199, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 199, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 199, 69);  
box-shadow:4px 4px 4px 4px rgb(81, 199,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 148.8980, -39.3897, -59.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 199, 69) }
```

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

```
.background{ background-color: rgb(81, 199,  
69) }
```

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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