

Converting Colors

YUV(169.3120, -47.4818,
-77.4496)

Have a look what the booklet for
YUV(169.3120, -47.4818, -77.4496)
contains.

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Color

**YUV(169.3120, -47.4818,
-77.4496)**

Conversions

Conversions Part 1

Format	Color
Hex	51E949
RGB	81, 233, 73
RGB Percent	32%, 91%, 29%
CMY	0.6824, 0.0863, 0.7137
CMYK	0.65, 0.00, 0.69, 0.09
HSL	117°, 78%, 60%
HSV	117°, 69%, 91%
XYZ	33.7349, 60.5082, 16.2046
YIQ	169.3120, -39.2320, -81.9840

Conversions

Conversions Part 2

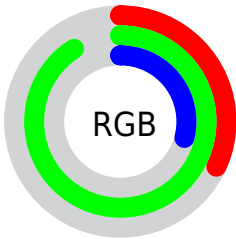
Format	Color
R_{YB}	73, 233, 225
Decimal	5368137
CIE Lab	82.11, -68.89, 63.17
CIE LCh	82, 93.472, 137.480
Yxy	60.5082, 0.3054, 0.5478
Android (android.graphics.Color)	4283558217 (0xFF51E949)
YUV	169.3120, -47.4818, -77.4496
Hunter-Lab	77.7870, -58.7150, 42.0996

Details

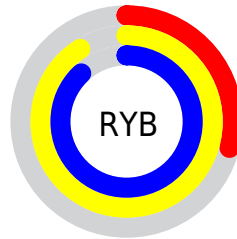
The YUV color **169.3120, -47.4818, -77.4496** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **136.6880, 47.4818, 77.4496**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.3440, -39.1166, -53.7987**, and **103.3120, -50.9328, -90.6046** is the 20% darker color. If you saturate the color by 10%, you get **160.1120, -54.2852, -88.6752**, and if you desaturate by 10%, it is **178.5120, -40.6784, -66.2240**.

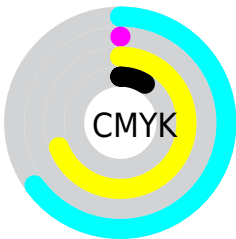
Distribution



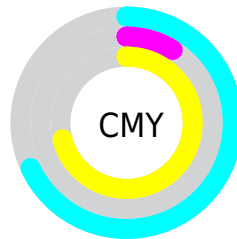
- Red (32%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (88%)



- Cyan (65%)
- Magenta (0%)
- Yellow (69%)
- Black (9%)



- Cyan (68%)
- Magenta (9%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.3120, -47.4818, -77.4496 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 169.3120, -47.4818, -77.4496 by changing the saturation by 10% instead.

■ 169.3120,
-47.4818, -77.4496

■ 169.3120,
-47.4818, -77.4496

■ 255.0000, 0.0000,
0.0000

■ 136.0120,
-45.8549, -85.9565

■ 208.3440,
-39.1166, -53.7987

■ 103.3120,
-50.9328, -90.6046

■ 220.8050,
-31.4559, -37.5400

■ 86.8760, -42.8299,
-76.1903

■ 233.2660,
-23.7951, -21.2813

■ 71.0270, -35.0163,
-62.2907

■ 245.8410,
-15.6976, -5.1226

■ 55.7650, -27.4921,
-48.9059

■ 253.7460, -4.8048,
1.0998

■ 40.5030, -19.9680,
-35.5211

■ 26.4150, -13.0226,

-23.1660

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 169.3120,
-47.4818, -77.4496

■ 169.3120,
-47.4818, -77.4496

■ 160.1120,
-54.2852, -88.6752

■ 178.5120,
-40.6784, -66.2240

■ 150.7980,
-61.5254, -99.8008


■ 187.8260,
-33.4382, -55.0984


■ 141.5980,
-68.3288, -111.0264


■ 197.0260,
-26.6348, -43.8728

■ 140.3590,
-69.1970, -112.5708

■ 206.5250,
-19.9788, -32.0324

 215.8390,
-12.7386, -20.9068

 225.0390, -5.9352,
-9.6812

 234.2390, 0.8682,
1.5444

 242.0860, 6.3666,
11.3256

Harmonies

Analogous

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



185.3960, -91.4002, 9.2997



169.3120, -47.4818, -77.4496



160.6360, 1.1655, -140.8778

Triad

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



169.3120, -47.4818, -77.4496



161.1450, 46.2705, -141.3242



159.8870, -1.4233, 83.4141

Complementary

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



169.3120, -47.4818, -77.4496



136.6880, 47.4818, 77.4496

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.



171.6800, 36.1468, 73.0716



169.3120, -47.4818, -77.4496



177.8980, 38.0113, -58.6695

Square

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



169.3120, -47.4818, -77.4496



169.9500, 41.9297, -149.0461



196.3000, 28.9391, 51.4799



171.6710, -47.6588, 73.0795

Rectangle

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



169.3120, -47.4818, -77.4496



168.8780, 27.6681, -148.1060



196.3000, 28.9391, 51.4799



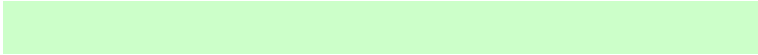
160.2580, 12.6908, 83.0887

Sweetspot

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



169.3120, -47.4818, -77.4496



233.5950, -16.0693, -25.9548



210.0640, -67.5726, 20.1149



115.0830, -9.4079, -15.8588



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.



169.3120, -47.4818, -77.4496



171.6730, -61.9568, -101.4452



175.1280, -14.8531, -89.5663



112.4570, -3.1833, -5.6628



108.9380, -53.7064, -87.6456



32.5950, -16.0693, -25.9548

Inverse Universe

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



136.6880, 47.4818, 77.4496



129.3270, 61.9568, 101.4452



130.8720, 14.8531, 89.5663



110.5430, 3.1833, 5.6628



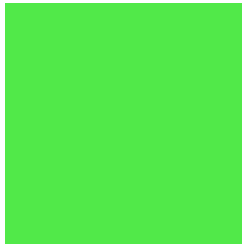
72.0620, 53.7064, 87.6456



21.4050, 16.0693, 25.9548

Previews

White Background



This preview shows how the YUV color 169.3120, -47.4818, -77.4496 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 169.3120, -47.4818, -77.4496 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

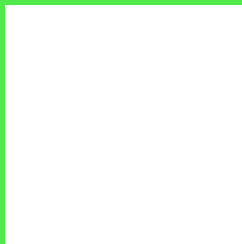
Any Text WCAG AAA ✓ Pass

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

YUV 169.3120, -47.4818, -77.4496 Background



This preview shows how black text looks on a background with the YUV color 169.3120, -47.4818, -77.4496.



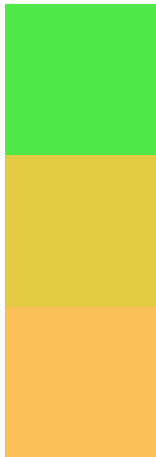
This preview shows how white text looks on a background with the YUV color 169.3120, -47.4818, -77.4496.

-77.4496.

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

169.3120, -47.4818, -77.4496

Protanopia

194.4440, -63.8159, 28.5516

Deuteranopia

197.6710, -54.5608, 46.7695



Tritanopia

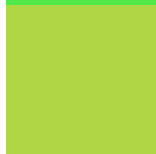
190.9350, 21.7240, -61.3330

Trichromacy



Original Color

169.3120, -47.4818, -77.4496



Protanomaly

185.3960, -57.8762, -9.9943



Deuteranomaly

187.3680, -51.9464, 1.4313



Tritanomaly

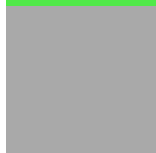
182.6590, -3.2829, -67.2299

Monochromacy



Original Color

169.3120, -47.4818, -77.4496



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.9430, -17.2269, -28.0140

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.3120, -47.4818, -77.4496 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, 233, 73)` looks like.

```
.text, #text, p{  
    color:rgb(81, 233, 73)  
}
```

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, 233, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 233, 73) }
```

Border

The CSS property to change the border of an element to YUV 169.3120, -47.4818, -77.4496 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, 233, 73) }
```


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

```
.border{ border-color:rgb(81, 233, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 233, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 233, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 233, 73);  
box-shadow:4px 4px 4px 4px rgb(81, 233,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 169.3120, -47.4818, -77.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 233, 73) }
```

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

```
.background{ background-color: rgb(81, 233,  
73) }
```

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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