

Converting Colors

YUV(119.8070, -17.6529,
-31.4027)

Have a look what the booklet for
YUV(119.8070, -17.6529, -31.4027)
contains.

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Color

**YUV(119.8070, -17.6529,
-31.4027)**

Conversions

Conversions Part 1

Format	Color
Hex	549154
RGB	84, 145, 84
RGB Percent	33%, 57%, 33%
CMY	0.6706, 0.4314, 0.6706
CMYK	0.42, 0.00, 0.42, 0.43
HSL	120°, 27%, 45%
HSV	120°, 42%, 57%
XYZ	15.3818, 22.7757, 11.9730
YIQ	119.8070, -16.7750, -31.9030

Conversions

Conversions Part 2

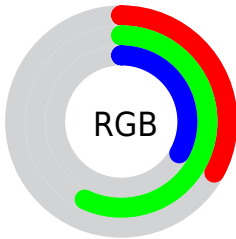
Format	Color
RYB	84, 145, 145
Decimal	5542228
CIELab	54.84, -32.87, 26.32
CIELCh	55, 42.112, 141.315
Yxy	22.7757, 0.3068, 0.4543
Android (android.graphics.Color)	4283732308 (0xFF549154)
YUV	119.8070, -17.6529, -31.4027
Hunter-Lab	47.7239, -25.9849, 18.5321

Details

The YUV color **119.8070, -17.6529, -31.4027** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **109.1930, 17.6529, 31.4027**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0520, -19.2526, -31.6176**, and **68.9640, -15.7583, -32.4174** is the 20% darker color. If you saturate the color by 10%, you get **114.0250, -21.7043, -38.6099**, and if you desaturate by 10%, it is **125.5890, -13.6014, -24.1956**.

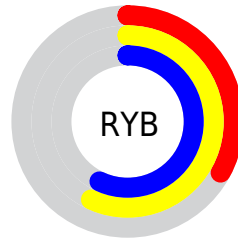
Distribution



Red (33%)

Green (57%)

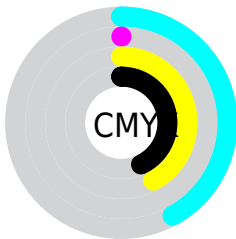
Blue (33%)



Red (33%)

Yellow (57%)

Blue (57%)

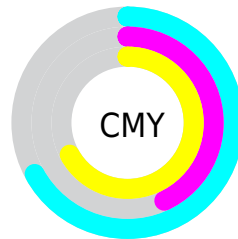


Cyan (42%)

Magenta (0%)

Yellow (42%)

Black (43%)



Cyan (67%)

Magenta (43%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8070, -17.6529, -31.4027 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 119.8070, -17.6529, -31.4027 by changing the saturation by 10% instead.

■ 119.8070,
-17.6529, -31.4027

■ 119.8070,
-17.6529, -31.4027

■ 255.0000, 0.0000,
0.0000

■ 94.0350, -16.7793,
-31.6027

■ 173.0520,
-19.2526, -31.6176

■ 68.9640, -15.7583,
-32.4174

■ 201.2260,
-19.8314, -32.6472

■ 42.8000, -13.7054,
-37.5356

■ 228.5250,
-19.9788, -32.0324

■ 27.5890, -13.6014,
-24.1956

■ 240.0890,
-11.8759, -17.6181

■ 15.2620, -7.5242,
-13.3848

■ 252.0660, -3.4835,
-2.6889

■ 0.0000, 0.0000,
0.0000

■ 119.8070,
-17.6529, -31.4027

■ 119.8070,
-17.6529, -31.4027

■ 114.0250,
-21.7043, -38.6099

■ 125.5890,
-13.6014, -24.1956

■ 107.8300,
-26.0452, -46.3319

■ 131.7840, -9.2605,
-16.4736

■ 102.0480,
-30.0967, -53.5391

■ 137.5660, -5.2090,
-9.2664

■ 95.8530, -34.4375,
-61.2611

■ 143.7610, -0.8682,
-1.5444

■ 89.6580, -38.7784,
-68.9831

■ 149.9560, 3.4727,
6.1776

■ 85.1150, -41.9617,
-74.6459

■ 155.7380, 7.5242,
13.3848

■ 161.9330, 11.8650,
21.1068

■ 167.7150, 15.9165,

28.3139

■ 173.4970, 19.9680,
35.5211

Harmonies

Analogous

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



125.2320, -32.1594, 1.5505



119.8070, -17.6529, -31.4027



101.0290, 8.8597, -88.6024

Triad

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



119.8070, -17.6529, -31.4027



111.9220, 44.9015, -75.3536



131.8720, -12.2619, 59.7483

Complementary

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



119.8070, -17.6529, -31.4027



109.1930, 17.6529, 31.4027

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.



133.2960, 4.7841, 52.3604



119.8070, -17.6529, -31.4027



131.6310, 33.2129, -12.8314

Square

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



119.8070, -17.6529, -31.4027



107.0200, 39.4301, -93.8565



135.5560, 20.4319, 26.6994



130.6200, -26.9277, 50.3223

Rectangle

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



119.8070, -17.6529, -31.4027



104.4660, 19.4903, -91.6167



135.5560, 20.4319, 26.6994



132.0660, -6.4415, 59.5781

Sweetspot

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



119.8070, -17.6529, -31.4027



178.6750, -7.2348, -12.8700



138.0460, -26.6447, 6.0987



87.8050, -4.3409, -7.7220



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.8070, -17.6529, -31.4027



149.7650, -27.4921, -48.9059



123.3410, -4.1121, -34.5021



68.1090, -2.0257, -3.6036



79.2450, -39.0678, -69.4979



4.6960, -2.3151, -4.1184

Inverse Universe

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



109.1930, 17.6529, 31.4027



133.2350, 27.4921, 48.9059



105.7730, 4.5489, 34.4021



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 119.8070, -17.6529, -31.4027 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8070, -17.6529, -31.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

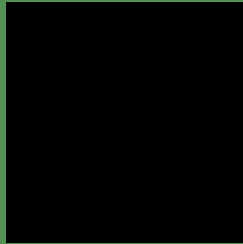
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.8070, -17.6529, -31.4027 Background



This preview shows how black text looks on a background with the YUV color 119.8070, -17.6529, -31.4027.



This preview shows how white text looks on a background with the YUV color 119.8070, -17.6529, -31.4027.

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

119.8070, -17.6529, -31.4027

Protanopia

128.6600, -24.4824, 12.5762

Deuteranopia

130.1650, -20.2943, 22.6573



Tritanopia

126.2940, 10.7011, -25.6908

Trichromacy



Original Color

119.8070, -17.6529, -31.4027

Protanomaly

125.5440, -21.9602, -3.1081

Deuteranomaly

126.2720, -19.3611, 3.2695

Tritanomaly

123.9380, 0.5236, -28.0096

Monochromacy



Original Color

119.8070, -17.6529, -31.4027

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8070, -17.6529, -31.4027 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(84, 145, 84)` looks like.

```
.text, #text, p{  
    color:rgb(84, 145, 84)  
}
```

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(84, 145, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 145, 84) }
```

Border

The CSS property to change the border of an element to YUV 119.8070, -17.6529, -31.4027 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(84, 145, 84) }
```


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

```
.border{ border-color:rgb(84, 145, 84) }
```

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

Here you see how a box with a 4 pixel rgb(84, 145, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 145, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 145, 84);  
box-shadow:4px 4px 4px 4px rgb(84, 145,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 119.8070, -17.6529, -31.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 145, 84) }
```

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

```
.background{ background-color: rgb(84, 145,  
84) }
```

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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