

Converting Colors

YUV(119.8530, -34.4375,
-61.2611)

Have a look what the booklet for
YUV(119.8530, -34.4375, -61.2611)
contains.

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Color

**YUV(119.8530, -34.4375,
-61.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	32A932
RGB	50, 169, 50
RGB Percent	20%, 66%, 20%
CMY	0.8039, 0.3373, 0.8039
CMYK	0.70, 0.00, 0.70, 0.34
HSL	120°, 54%, 43%
HSV	120°, 70%, 66%
XYZ	16.0791, 29.2843, 7.8226
YIQ	119.8530, -32.7250, -62.2370

Conversions

Conversions Part 2

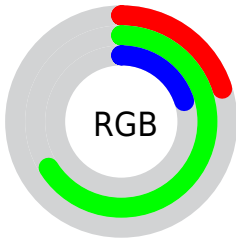
Format	Color
RYB	50, 169, 169
Decimal	3320114
CIELab	61.03, -55.50, 49.67
CIELCh	61, 74.482, 138.174
Yxy	29.2843, 0.3023, 0.5506
Android (android.graphics.Color)	4281510194 (0xFF32A932)
YUV	119.8530, -34.4375, -61.2611
Hunter-Lab	54.1150, -41.6639, 29.3098

Details

The YUV color **119.8530, -34.4375, -61.2611** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **99.1470, 34.4375, 61.2611**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6040, -36.7798, -56.6577**, and **67.5050, -33.2800, -59.2019** is the 20% darker color. If you saturate the color by 10%, you get **112.8320, -39.3572, -70.0127**, and if you desaturate by 10%, it is **126.8740, -29.5179, -52.5095**.

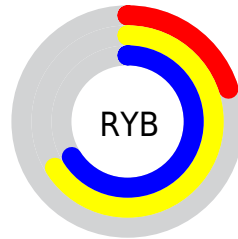
Distribution



Red (20%)

Green (66%)

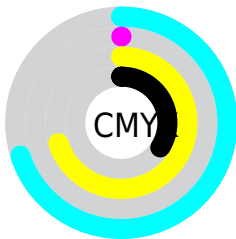
Blue (20%)



Red (20%)

Yellow (66%)

Blue (66%)

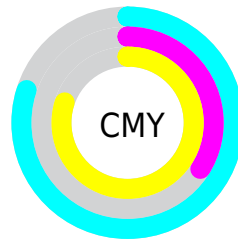


Cyan (70%)

Magenta (0%)

Yellow (70%)

Black (34%)



Cyan (80%)

Magenta (34%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8530, -34.4375, -61.2611 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 119.8530, -34.4375, -61.2611 by changing the saturation by 10% instead.

■ 119.8530,
-34.4375, -61.2611

■ 119.8530,
-34.4375, -61.2611

■ 255.0000, 0.0000,
0.0000

■ 85.6340, -32.3576,
-75.1010

■ 177.6040,
-36.7798, -56.6577

■ 67.5050, -33.2800,
-59.2019

■ 206.5610,
-38.2376, -55.7430

■ 52.8300, -26.0452,
-46.3319

■ 219.0110,
-30.5714, -41.2286

■ 38.1550, -18.8104,
-33.4619

■ 230.7600,
-23.0527, -26.0995

■ 25.2410, -12.4438,
-22.1364

■ 243.0360,
-14.8077, -10.5556

■ 4.1090, -2.0257,
-3.6036

■ 253.5180, -5.6784,

■ 0.0000, 0.0000,

1.2997

0.0000

■ 119.8530,
-34.4375, -61.2611

■ 119.8530,
-34.4375, -61.2611

■ 112.8320,
-39.3572, -70.0127

■ 126.8740,
-29.5179, -52.5095

■ 105.8110,
-44.2768, -78.7642

■ 133.8950,
-24.5982, -43.7579

■ 99.2030, -48.9071,
-87.0010

■ 140.9160,
-19.6786, -35.0063

■ 147.9370,
-14.7589, -26.2547

■ 154.5450,
-10.1287, -18.0180

■ 161.5660, -5.2090,
-9.2664

■ 168.5870, -0.2894,
-0.5148

■ 175.6080, 4.6303,
8.2368

■ 182.6290, 9.5499,
16.9884

Harmonies

Analogous

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



133.1330, -65.6346, 5.1454



119.8530, -34.4375, -61.2611



116.1770, 0.8987, -101.8872

Triad

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



119.8530, -34.4375, -61.2611



124.7510, 64.2128, -109.4066



134.5710, -12.1135, 105.6162

Complementary

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



119.8530, -34.4375, -61.2611



99.1470, 34.4375, 61.2611

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.



141.4860, 17.0154, 96.0438



119.8530, -34.4375, -61.2611



136.0560, 58.6394, -48.2841

Square

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



119.8530, -34.4375, -61.2611



130.0680, 56.6615, -114.0696



150.9750, 41.9173, 42.1179



139.5790, -44.6554, 89.8232

Rectangle

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



119.8530, -34.4375, -61.2611



122.5950, 20.4127, -107.5158



150.9750, 41.9173, 42.1179



134.1440, -1.0570, 105.9907

Sweetspot

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



119.8530, -34.4375, -61.2611



200.0020, -13.3120, -23.6808



155.4340, -51.9790, 11.8974



98.4360, -8.1029, -14.4144



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



119.8530, -34.4375, -61.2611



143.0080, -53.2479, -94.7230



126.5790, -8.6664, -67.1598



80.6960, -2.3151, -4.1184



86.8760, -42.8299, -76.1903



11.7400, -5.7878, -10.2960

Inverse Universe

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



99.1470, 34.4375, 61.2611



110.9920, 53.2479, 94.7230



92.3070, 8.2296, 67.2598



79.3040, 2.3151, 4.1184



61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 119.8530, -34.4375, -61.2611 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 119.8530, -34.4375, -61.2611 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 119.8530, -34.4375, -61.2611 Background



This preview shows how black text looks on a background with the YUV color 119.8530, -34.4375, -61.2611.



This preview shows how white text looks on a background with the YUV color 119.8530, -34.4375, -61.2611.

-61.2611.

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

119.8530, -34.4375, -61.2611

Protanopia

139.7540, -47.2067, 21.2637

Deuteranopia

142.9650, -40.4087, 34.2337



Tritanopia

137.0570, 16.7339, -47.4080

Trichromacy



Original Color

119.8530, -34.4375, -61.2611



Protanomaly

132.4190, -42.6046, -8.2605



Deuteranomaly

134.6140, -38.2637, -0.5385



Tritanomaly

130.8010, -1.8739, -52.4455

Monochromacy



Original Color

119.8530, -34.4375, -61.2611



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.2410, -12.4438, -22.1364

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8530, -34.4375, -61.2611 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(50, 169, 50)` looks like.

```
.text, #text, p{  
    color:rgb(50, 169, 50)  
}
```

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(50, 169, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 169, 50) }
```

Border

The CSS property to change the border of an element to YUV 119.8530, -34.4375, -61.2611 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(50, 169, 50) }
```


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

```
.border{ border-color:rgb(50, 169, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 169, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 169, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 169, 50);  
box-shadow:4px 4px 4px 4px rgb(50, 169,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 119.8530, -34.4375, -61.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 169, 50) }
```

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

```
.background{ background-color: rgb(50, 169,  
50) }
```

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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