

Converting Colors

YUV(154.4380, -34.7259,
-15.2931)

Have a look what the booklet for
YUV(154.4380, -34.7259, -15.2931)
contains.

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Color

**YUV(154.4380, -34.7259,
-15.2931)**

Conversions

Conversions Part 1

Format	Color
Hex	89B154
RGB	137, 177, 84
RGB Percent	54%, 69%, 33%
CMY	0.4627, 0.3059, 0.6706
CMYK	0.23, 0.00, 0.53, 0.31
HSL	86°, 37%, 51%
HSV	86°, 53%, 69%
XYZ	27.6389, 37.4027, 14.1502
YIQ	154.4380, 6.0130, -37.4030

Conversions

Conversions Part 2

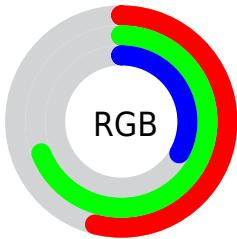
Format	Color
RYB	84, 177, 124
Decimal	9023828
CIELab	67.58, -28.99, 42.80
CIELCh	68, 51.692, 124.118
Yxy	37.4027, 0.3490, 0.4723
Android (android.graphics.Color)	4287213908 (0xFF89B154)
YUV	154.4380, -34.7259, -15.2931
Hunter-Lab	61.1578, -26.3570, 29.0924

Details

The YUV color **154.4380, -34.7259, -15.2931** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **106.5620, 34.7259, 15.2931**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6830, -36.3257, -15.5080**, and **101.6660, -33.8523, -15.4931** is the 20% darker color. If you saturate the color by 10%, you get **149.9940, -41.4090, -18.4117**, and if you desaturate by 10%, it is **158.8820, -28.0428, -12.1745**.

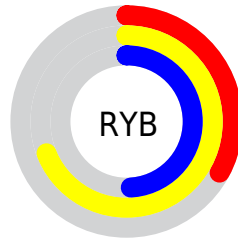
Distribution



Red (54%)

Green (69%)

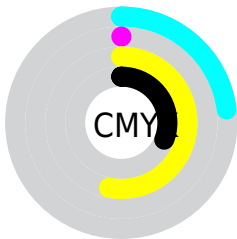
Blue (33%)



Red (33%)

Yellow (69%)

Blue (49%)

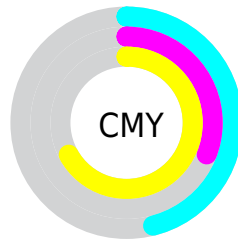


Cyan (23%)

Magenta (0%)

Yellow (53%)

Black (31%)



Cyan (46%)

Magenta (31%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.4380, -34.7259, -15.2931 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 154.4380, -34.7259, -15.2931 by changing the saturation by 10% instead.

■ 154.4380,
-34.7259, -15.2931

■ 154.4380,
-34.7259, -15.2931

■ 255.0000, 0.0000,
0.0000

■ 127.6660,
-33.8523, -15.4931

■ 209.6830,
-36.3257, -15.5080

■ 101.6660,
-33.8523, -15.4931

■ 234.3460,
-35.1736, -11.7044

■ 76.0960, -36.0363,
-14.9932

■ 246.0950,
-27.6548, 3.4247

■ 53.8920, -26.5688,
-18.3223

■ 250.8960,
-15.7247, 3.5992

■ 31.4210, -15.4906,
-24.9252

■ 254.2020, -3.0576,
0.6998

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 154.4380,
-34.7259, -15.2931

■ 154.4380,
-34.7259, -15.2931

■ 149.9940,
-41.4090, -18.4117

■ 158.8820,
-28.0428, -12.1745

■ 145.9630,
-47.8028, -21.0156

■ 162.9130,
-21.6491, -9.5707

■ 141.5190,
-54.4859, -24.1342

■ 167.3570,
-14.9660, -6.4521

■ 137.3740,
-61.3164, -26.6380

■ 171.5020, -8.1355,
-3.9483

■ 134.0980,
-66.1103, -29.0269

■ 175.8320, -1.8892,
-0.7297

■ 180.2760, 4.7939,
2.3889

■ 184.4210, 11.6244,
4.8928

■ 188.8650, 18.3076,
8.0114

■ 193.1950, 24.5539,
11.2300

Harmonies

Analogous

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



159.2210, -45.4650, 22.6082



154.4380, -34.7259, -15.2931



144.0310, -10.8613, -63.1712

Triad

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



154.4380, -34.7259, -15.2931



133.9320, 56.2355, -117.4584



165.7780, -2.8486, 73.8627

Complementary

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



154.4380, -34.7259, -15.2931



106.5620, 34.7259, 15.2931

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.



168.8410, 18.3194, 51.0054



154.4380, -34.7259, -15.2931



154.3080, 49.6412, -55.5211

Square

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



154.4380, -34.7259, -15.2931



134.3930, 40.2323, -117.8627



168.2620, 36.3528, 6.7862



164.1590, -24.2354, 73.5286

Rectangle

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



154.4380, -34.7259, -15.2931



127.3250, 13.1508, -111.6640



168.2620, 36.3528, 6.7862



166.9930, 4.4405, 69.2891

Sweetspot

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



154.4380, -34.7259, -15.2931



220.9980, -13.8030, -6.1372



134.7000, -24.9951, 37.0971



109.5020, -8.1355, -3.9483



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



154.4380, -34.7259, -15.2931



194.6330, -54.0491, -24.2341



140.9830, -28.0926, -42.9581



86.7780, -3.3416, -1.5593



115.8240, -57.1012, -25.2786



19.7470, -9.7353, -4.1631

Inverse Universe

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



106.5620, 34.7259, 15.2931



120.0680, 54.1965, 23.6194



120.0170, 28.0926, 42.9581



82.2220, 3.3416, 1.5593



37.1760, 57.1012, 25.2786



6.2530, 9.7353, 4.1631

Previews

White Background



This preview shows how the YUV color 154.4380, -34.7259, -15.2931 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 154.4380, -34.7259, -15.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

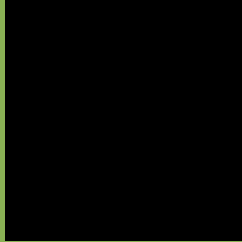
Any Text WCAG AA ✓ Pass

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 154.4380, -34.7259, -15.2931 Background



This preview shows how black text looks on a background with the YUV color 154.4380, -34.7259, -15.2931.



This preview shows how white text looks on a background with the YUV color 154.4380, -34.7259, -15.2931.

-15.2931.

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

154.4380, -34.7259, -15.2931

Protanopia

159.8060, -39.3444, 19.4641

Deuteranopia

161.8170, -35.8988, 34.3635



Tritanopia

163.3990, 8.1843, -11.7509

Trichromacy



Original Color

154.4380, -34.7259, -15.2931

Protanomaly

158.0710, -37.9960, 6.9537

Deuteranomaly

159.4080, -35.6971, 16.3052

Tritanomaly

160.2620, -7.5242, -13.3848

Monochromacy



Original Color

154.4380, -34.7259, -15.2931

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0520, -12.3506, -5.3076

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.4380, -34.7259, -15.2931 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(137, 177, 84)` looks like.

```
.text, #text, p{  
    color:rgb(137, 177, 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(137, 177, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 177, 84) }
```

Border

The CSS property to change the border of an element to YUV 154.4380, -34.7259, -15.2931 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(137, 177, 84) }
```


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

```
.border{ border-color:rgb(137, 177, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 177, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 177, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 177, 84);  
box-shadow:4px 4px 4px 4px rgb(137, 177,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 154.4380, -34.7259, -15.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 177, 84) }
```

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

```
.background{ background-color: rgb(137,  
177, 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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