

Converting Colors

YUV(155.8250, -34.9167,
-0.7235)

Have a look what the booklet for
YUV(155.8250, -34.9167, -0.7235)
contains.

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Color

**YUV(155.8250, -34.9167,
-0.7235)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAA55
RGB	155, 170, 85
RGB Percent	61%, 67%, 33%
CMY	0.3922, 0.3333, 0.6667
CMYK	0.09, 0.00, 0.50, 0.33
HSL	71°, 33%, 50%
HSV	71°, 50%, 67%
XYZ	29.5320, 36.3739, 14.0587
YIQ	155.8250, 18.3450, -29.6150

Conversions

Conversions Part 2

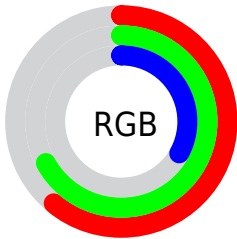
Format	Color
RYB	85, 170, 100
Decimal	10201685
CIELab	66.80, -18.26, 41.68
CIELCh	67, 45.506, 113.662
Yxy	36.3739, 0.3693, 0.4549
Android (android.graphics.Color)	4288391765 (0xFF9BAA55)
YUV	155.8250, -34.9167, -0.7235
Hunter-Lab	60.3108, -18.1389, 28.3968

Details

The YUV color **155.8250, -34.9167, -0.7235** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **99.1750, 34.9167, 0.7235**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7820, -36.3745, 0.1912**, and **103.7540, -33.8957, -1.5383** is the 20% darker color. If you saturate the color by 10%, you get **152.9900, -41.9001, -0.8682**, and if you desaturate by 10%, it is **158.6600, -27.9334, -0.5788**.

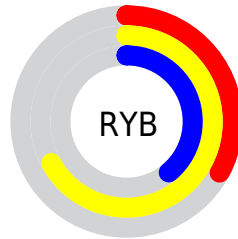
Distribution



Red (61%)

Green (67%)

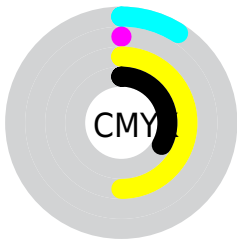
Blue (33%)



Red (33%)

Yellow (67%)

Blue (39%)

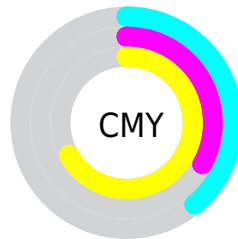


Cyan (9%)

Magenta (0%)

Yellow (50%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.8250, -34.9167, -0.7235 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 155.8250, -34.9167, -0.7235 by changing the saturation by 10% instead.

■ 155.8250,
-34.9167, -0.7235

■ 155.8250,
-34.9167, -0.7235

■ 255.0000, 0.0000,
0.0000

■ 129.6400,
-34.3325, -1.4383

■ 210.7820,
-36.3745, 0.1912

■ 103.7540,
-33.8957, -1.5383

■ 239.5540,
-37.2481, 0.3911

■ 77.9990, -35.4955,
-1.7531

■ 247.7040,
-27.9551, 6.3986

■ 56.6380, -27.9225,
-4.0675

■ 250.8960,
-15.7247, 3.5992

■ 35.6620, -17.5814,
-7.5966

■ 254.2020, -3.0576,
0.6998

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,

0.0000

■ 155.8250,
-34.9167, -0.7235

■ 155.8250,
-34.9167, -0.7235

■ 152.9900,
-41.9001, -0.8682

■ 158.6600,
-27.9334, -0.5788

■ 150.1550,
-48.8834, -1.0129

■ 161.4950,
-20.9500, -0.4341

■ 147.3200,
-55.8668, -1.1576

■ 164.3300,
-13.9667, -0.2894

■ 144.4850,
-62.8501, -1.3023

■ 167.1650, -6.9833,
-0.1447

■ 141.6500,
-69.8334, -1.4470

■ 170.0000, 0.0000,
0.0000

■ 172.8350, 6.9833,
0.1447

■ 175.6700, 13.9667,
0.2894

■ 178.5050, 20.9500,
0.4341

■ 181.3400, 27.9334,
0.5788

Harmonies

Analogous

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



159.5840, -39.2349, 31.0598



155.8250, -34.9167, -0.7235



149.5350, -18.5048, -38.1802

Triad

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



155.8250, -34.9167, -0.7235



130.9510, 47.3522, -114.8440



165.9980, 3.4520, 59.6378

Complementary

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



155.8250, -34.9167, -0.7235



99.1750, 34.9167, 0.7235

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.



167.6430, 21.8680, 32.7621



155.8250, -34.9167, -0.7235



148.1340, 46.7689, -67.6465

Square

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



155.8250, -34.9167, -0.7235



129.5370, 31.7803, -113.6039



163.7500, 36.1123, -9.4277



163.7050, -15.6306, 66.9107

Rectangle

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



155.8250, -34.9167, -0.7235



141.4030, -1.6777, -68.7594



163.7500, 36.1123, -9.4277



166.6750, 10.0202, 52.9050

Sweetspot

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



155.8250, -34.9167, -0.7235



216.4440, -13.5299, -0.3894



118.6330, -16.5811, 45.0489



108.8230, -8.2937, 0.1552



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



155.8250, -34.9167, -0.7235



199.6620, -54.5564, -1.4576



143.2670, -28.7256, -26.5442



82.7890, -3.3470, 0.1850



123.3540, -60.8135, -1.1875



16.8230, -8.2937, 0.1552

Inverse Universe

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



99.1750, 34.9167, 0.7235



111.0390, 54.7038, 0.8428



111.7330, 28.7256, 26.5442



77.2110, 3.3470, -0.1850



24.6460, 60.8135, 1.1875



3.4760, 8.1463, 0.4595

Previews

White Background



This preview shows how the YUV color 155.8250, -34.9167, -0.7235 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 155.8250, -34.9167, -0.7235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

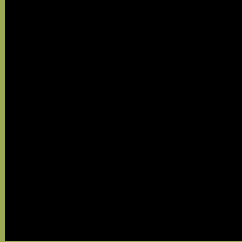
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.8250, -34.9167, -0.7235

Background



This preview shows how black text looks on a background with the YUV color 155.8250, -34.9167, -0.7235.



This preview shows how white text looks on a background with the YUV color 155.8250, -34.9167, -0.7235.

-0.7235.

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

155.8250, -34.9167, -0.7235

Protanopia

157.9630, -37.4498, 18.4494

Deuteranopia

160.3330, -35.1672, 33.0340



Tritanopia

162.9770, 4.9413, 1.7742

Trichromacy



Original Color

155.8250, -34.9167, -0.7235

Protanomaly

157.1470, -36.5545, 11.2721

Deuteranomaly

158.3700, -34.6924, 20.7235

Tritanomaly

160.4810, -9.6041, 0.4552

Monochromacy



Original Color

155.8250, -34.9167, -0.7235

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9710, -12.8037, 0.0254

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.8250, -34.9167, -0.7235 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(155, 170, 85)` looks like.

```
.text, #text, p{  
    color:rgb(155, 170, 85)  
}
```

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(155, 170, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 170, 85) }
```

Border

The CSS property to change the border of an element to YUV 155.8250, -34.9167, -0.7235 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(155, 170, 85) }
```


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

```
.border{ border-color:rgb(155, 170, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 170, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 170, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 170, 85);  
box-shadow:4px 4px 4px 4px rgb(155, 170,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 155.8250, -34.9167, -0.7235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 170, 85) }
```

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

```
.background{ background-color: rgb(155,  
170, 85) }
```

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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