

Converting Colors

YUV(134.0310, -34.0323,
-4.4122)

Have a look what the booklet for
YUV(134.0310, -34.0323, -4.4122)
contains.

YUV(134.0310, -34.0323, -4.4122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(134.0310, -34.0323,
-4.4122)**

Conversions

Conversions Part 1

Format	Color
Hex	819641
RGB	129, 150, 65
RGB Percent	51%, 59%, 25%
CMY	0.4941, 0.4118, 0.7451
CMYK	0.14, 0.00, 0.57, 0.41
HSL	75°, 40%, 42%
HSV	75°, 57%, 59%
XYZ	20.9137, 26.8615, 9.0835
YIQ	134.0310, 14.7690, -30.8870

Conversions

Conversions Part 2

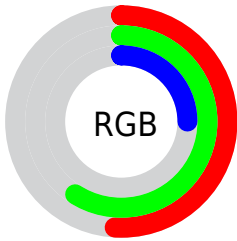
Format	Color
RYB	65, 150, 86
Decimal	8492609
CIELab	58.85, -20.75, 41.65
CIELCh	59, 46.539, 116.485
Yxy	26.8615, 0.3678, 0.4724
Android (android.graphics.Color)	4286682689 (0xFF819641)
YUV	134.0310, -34.0323, -4.4122
Hunter-Lab	51.8281, -18.6705, 25.8883

Details

The YUV color $[134.0310, -34.0323, -4.4122]$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $[80.9690, 34.0323, 4.4122]$, and the grayscale version is $[134.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[187.9880, -35.4901, -3.4975]$, and $[82.6180, -34.3217, -4.9270]$ is the 20% darker color. If you saturate the color by 10%, you get $[131.1250, -39.9946, -5.3716]$, and if you desaturate by 10%, it is $[136.9370, -28.0699, -3.4527]$.

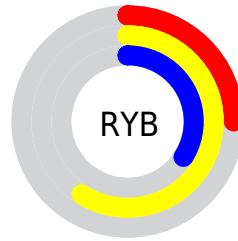
Distribution



Red (51%)

Green (59%)

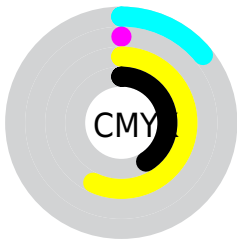
Blue (25%)



Red (25%)

Yellow (59%)

Blue (34%)

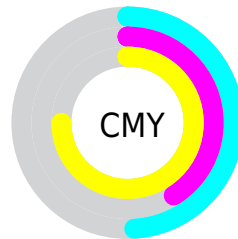


Cyan (14%)

Magenta (0%)

Yellow (57%)

Black (41%)



Cyan (49%)

Magenta (41%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.0310, -34.0323, -4.4122 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 134.0310, -34.0323, -4.4122 by changing the saturation by 10% instead.

■ 134.0310,
-34.0323, -4.4122

■ 134.0310,
-34.0323, -4.4122

255.0000, 0.0000,
0.0000

■ 108.1450,
-33.5955, -4.5122

■ 187.9880,
-35.4901, -3.4975

■ 82.6180, -34.3217,
-4.9270

■ 215.7600,
-36.3637, -3.2975

■ 59.5730, -29.3695,
-6.6415

■ 241.0100,
-35.5009, -0.0088

■ 38.8960, -19.1757,
-9.5558

■ 248.3880,
-25.3343, 5.7987

■ 18.7840, -9.2605,
-16.4736

■ 251.5800,
-13.1039, 2.9993

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,

0.1000

■ 134.0310,
-34.0323, -4.4122

■ 134.0310,
-34.0323, -4.4122

■ 131.1250,
-39.9946, -5.3716

■ 136.9370,
-28.0699, -3.4527

■ 128.5180,
-46.1044, -5.7163

■ 139.5440,
-21.9602, -3.1081

■ 125.6120,
-52.0667, -6.6757

■ 142.4500,
-15.9978, -2.1486

■ 122.7060,
-58.0291, -7.6352

■ 145.3560,
-10.0355, -1.1892

■ 121.8370,
-60.0656, -7.7500

■ 148.2620, -4.0732,
-0.2298

■ 150.8690, 2.0366,
0.1149

■ 153.7750, 7.9989,
1.0743

■ 156.6810, 13.9613,
2.0338

■ 159.2880, 20.0710,
2.3784

Harmonies

Analogous

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



138.0350, -39.9503, 27.1563



134.0310, -34.0323, -4.4122



126.8980, -15.7257, -42.8835

Triad

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



134.0310, -34.0323, -4.4122



115.9850, 45.8564, -101.7188



143.6670, 2.1362, 61.6820

Complementary

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



134.0310, -34.0323, -4.4122



80.9690, 34.0323, 4.4122

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.



145.9100, 20.2574, 36.0359



134.0310, -34.0323, -4.4122



125.1660, 48.2322, -70.3056

Square

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



134.0310, -34.0323, -4.4122



115.2720, 30.4319, -101.0935



143.2450, 35.3752, -6.3539



141.6510, -17.0829, 66.0811

Rectangle

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



134.0310, -34.0323, -4.4122



109.1980, 5.8184, -93.1356



143.2450, 35.3752, -6.3539



144.6430, 8.5570, 55.5641

Sweetspot

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



134.0310, -34.0323, -4.4122



187.8460, -13.2351, -1.6189



102.1550, -18.3174, 41.9601



93.3390, -7.5621, -1.1743



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



134.0310, -34.0323, -4.4122



169.0850, -52.7929, -7.0905



121.7720, -27.9886, -29.6180



72.6040, -2.7628, -0.5297



112.1020, -55.2663, -7.1055



8.2620, -4.0732, -0.2298

Inverse Universe

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



80.9690, 34.0323, 4.4122



86.9150, 52.7929, 7.0905



93.2280, 27.9886, 29.6180



68.0970, 2.9102, -0.0851



25.8980, 55.2663, 7.1055



2.0370, 3.9258, 0.8446

Previews

White Background



This preview shows how the YUV color 134.0310, -34.0323, -4.4122 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 134.0310, -34.0323, -4.4122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

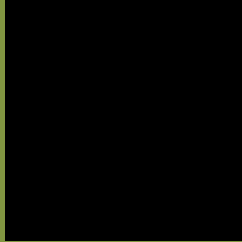
Any Text WCAG AA ✓ Pass

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 134.0310, -34.0323, -4.4122 Background



This preview shows how black text looks on a background with the YUV color 134.0310, -34.0323, -4.4122.



This preview shows how white text looks on a background with the YUV color 134.0310, -34.0323, -4.4122.

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

134.0310, -34.0323, -4.4122

Protanopia

137.3650, -37.1549, 17.2199

Deuteranopia

139.1370, -34.5775, 30.5749



Tritanopia

141.6560, 5.0996, -2.3293

Trichromacy



Original Color

134.0310, -34.0323, -4.4122

Protanomaly

136.2500, -36.1122, 9.4278

Deuteranomaly

137.1740, -34.1028, 18.2644

Tritanomaly

138.5730, -9.1565, -3.1335

Monochromacy



Original Color

134.0310, -34.0323, -4.4122

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.0740, -12.3615, -1.8189

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.0310, -34.0323, -4.4122 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(129, 150, 65)` looks like.

```
.text, #text, p{  
    color:rgb(129, 150, 65)  
}
```

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(129, 150, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 150, 65) }
```

Border

The CSS property to change the border of an element to YUV 134.0310, -34.0323, -4.4122 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(129, 150, 65) }
```


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

```
.border{ border-color:rgb(129, 150, 65) }
```

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

Here you see how a box with a 4 pixel rgb(129, 150, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 150, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 150, 65);  
box-shadow:4px 4px 4px 4px rgb(129, 150,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 134.0310, -34.0323, -4.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 150, 65) }
```

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

```
.background{ background-color: rgb(129,  
150, 65) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor