

Converting Colors

YUV(134.6660, -34.3453,
-90.9151)

Have a look what the booklet for
YUV(134.6660, -34.3453, -90.9151)
contains.

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Color

**YUV(134.6660, -34.3453,
-90.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	1FC941
RGB	31, 201, 65
RGB Percent	12%, 79%, 25%
CMY	0.8784, 0.2118, 0.7451
CMYK	0.85, 0.00, 0.68, 0.21
HSL	132°, 73%, 45%
HSV	132°, 85%, 79%
XYZ	22.4059, 42.4462, 12.0131
YIQ	134.6660, -57.6640, -78.3360

Conversions

Conversions Part 2

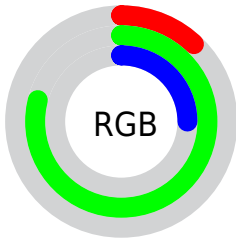
Format	Color
RYB	31, 173, 201
Decimal	2083137
CIELab	71.18, -66.89, 54.38
CIELCh	71, 86.210, 140.890
Yxy	42.4462, 0.2915, 0.5522
Android (android.graphics.Color)	4280273217 (0xFF1FC941)
YUV	134.6660, -34.3453, -90.9151
Hunter-Lab	65.1508, -52.6264, 34.6731

Details

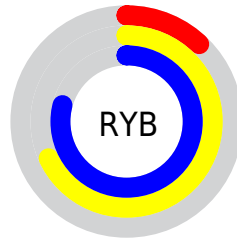
The YUV color **134.6660, -34.3453, -90.9151** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **97.3340, 34.3453, 90.9151**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1410, -38.0305, -75.5457**, and **85.1150, -41.9617, -74.6459** is the 20% darker color. If you saturate the color by 10%, you get **126.8620, -38.3860, -101.6110**, and if you desaturate by 10%, it is **142.4700, -30.3047, -80.2192**.

Distribution



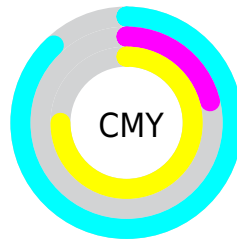
- Red (12%)
- Green (79%)
- Blue (25%)



- Red (12%)
- Yellow (68%)
- Blue (79%)



- Cyan (85%)
- Magenta (0%)
- Yellow (68%)
- Black (21%)



- Cyan (88%)
- Magenta (21%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.6660, -34.3453, -90.9151 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 134.6660, -34.3453, -90.9151 by changing the saturation by 10% instead.

■ 134.6660,
-34.3453, -90.9151

■ 134.6660,
-34.3453, -90.9151

■ 255.0000, 0.0000,
0.0000

■ 105.6550,
-34.3399, -92.6594

■ 196.1410,
-38.0305, -75.5457

■ 85.1150, -41.9617,
-74.6459

■ 208.7870,
-30.9540, -58.5722

■ 69.2660, -34.1481,
-60.7463

■ 221.2480,
-23.2933, -42.3135

■ 54.0040, -26.6240,
-47.3615

■ 233.7090,
-15.6325, -26.0548

■ 39.3290, -19.3892,
-34.4915

■ 245.9850, -7.3876,
-10.5108

■ 25.2410, -12.4438,
-22.1364

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 134.6660,
-34.3453, -90.9151

■ 134.6660,
-34.3453, -90.9151

■ 126.8620,
-38.3860, -101.6110

■ 142.4700,
-30.3047, -80.2192

■ 122.5470,
-40.6957, -107.4737

■ 150.2740,
-26.2641, -69.5233

■ 158.0780,
-22.2235, -58.8274

■ 165.8820,
-18.1828, -48.1315

■ 173.9850,
-14.2896, -36.8208

■ 181.7890,
-10.2490, -26.1250

■ 189.7070, -5.7716,
-15.5290

■ 197.5110, -1.7309,
-4.8331

■ 205.3150, 2.3097,
5.8627

Harmonies

Analogous

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



156.7120, -77.2590, 0.2526



134.6660, -34.3453, -90.9151



138.8540, 4.0160, -121.7750

Triad

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



134.6660, -34.3453, -90.9151



141.1870, 56.1098, -123.8210



144.2710, -10.4866, 97.1093

Complementary

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



134.6660, -34.3453, -90.9151



97.3340, 34.3453, 90.9151

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.



151.5160, 24.8886, 90.7555



134.6660, -34.3453, -90.9151



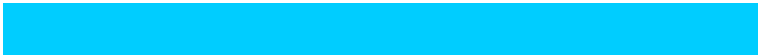
159.4240, 47.1190, -39.8368

Square

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



134.6660, -34.3453, -90.9151



149.4050, 52.0583, -131.0282



175.4010, 39.2423, 60.1613



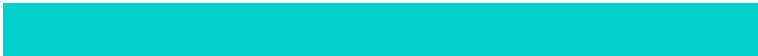
156.3800, -52.9383, 86.4897

Rectangle

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



134.6660, -34.3453, -90.9151



145.7110, 27.7505, -127.7885



175.4010, 39.2423, 60.1613



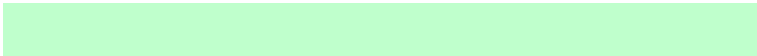
143.1260, 2.8959, 98.1135

Sweetspot

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



134.6660, -34.3453, -90.9151



230.0500, -12.8426, -34.2468



171.4540, -69.2438, -3.9062



112.8050, -7.7919, -20.8770



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



134.6660, -34.3453, -90.9151



155.4990, -51.5180, -136.3726



144.3560, 2.7825, -99.4132



95.3970, -2.1677, -4.7332



99.4430, -32.7564, -87.2115



21.9300, -7.3605, -19.2326

Inverse Universe

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



97.3340, 34.3453, 90.9151



99.5010, 51.5180, 136.3726



87.6440, -2.7825, 99.4132



93.4890, 1.7309, 4.8331



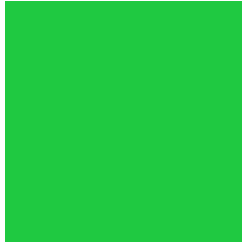
63.6710, 33.1932, 87.1115



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 134.6660, -34.3453, -90.9151 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 134.6660, -34.3453, -90.9151 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 134.6660, -34.3453, -90.9151 Background



This preview shows how black text looks on a background with the YUV color 134.6660, -34.3453, -90.9151.



This preview shows how white text looks on a background with the YUV color 134.6660, -34.3453, -90.9151.

-90.9151.

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

134.6660, -34.3453, -90.9151

Protanopia

165.7560, -53.6167, 23.8930

Deuteranopia

169.0320, -45.3718, 39.4369



Tritanopia

159.2120, 21.5875, -64.2069

Trichromacy



Original Color

134.6660, -34.3453, -90.9151



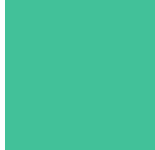
Protanomaly

154.3270, -46.5032, -17.8268



Deuteranomaly

156.1740, -41.0048, -8.0456



Tritanomaly

150.4670, 1.2488, -74.0776

Monochromacy



Original Color

134.6660, -34.3453, -90.9151



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

134.8760, -12.2639, -33.2173

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.6660, -34.3453, -90.9151 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(31, 201, 65)` looks like.

```
.text, #text, p{  
    color:rgb(31, 201, 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(31, 201, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 201, 65) }
```

Border

The CSS property to change the border of an element to YUV 134.6660, -34.3453, -90.9151 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(31, 201, 65) }
```


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

```
.border{ border-color:rgb(31, 201, 65) }
```

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

Here you see how a box with a 4 pixel rgb(31, 201, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 201, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 201, 65);  
box-shadow:4px 4px 4px 4px rgb(31, 201,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 134.6660, -34.3453, -90.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 201, 65) }
```

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

```
.background{ background-color: rgb(31, 201,  
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](#).

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