

Converting Colors

YUV(189.2840, -34.6500,
-39.7141)

Have a look what the booklet for
YUV(189.2840, -34.6500, -39.7141)
contains.

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Color

**YUV(189.2840, -34.6500,
-39.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	90E277
RGB	144, 226, 119
RGB Percent	56%, 89%, 47%
CMY	0.4353, 0.1137, 0.5333
CMYK	0.36, 0.00, 0.47, 0.11
HSL	106°, 65%, 68%
HSV	106°, 47%, 89%
XYZ	42.0277, 61.6539, 27.1381
YIQ	189.2840, -14.5250, -50.6610

Conversions

Conversions Part 2

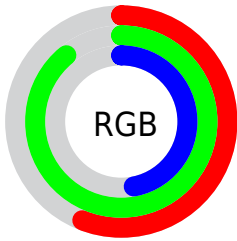
Format	Color
RYB	119, 226, 201
Decimal	9495159
CIELab	82.73, -44.63, 44.36
CIELCh	83, 62.927, 135.178
Yxy	61.6539, 0.3213, 0.4713
Android (android.graphics.Color)	4287685239 (0xFF90E277)
YUV	189.2840, -34.6500, -39.7141
Hunter-Lab	78.5200, -41.8681, 34.4722

Details

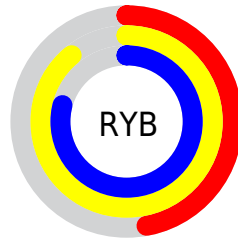
The YUV color **189.2840, -34.6500, -39.7141** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **155.7160, 34.6500, 39.7141**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5060, -27.8575, -24.9998**, and **133.7400, -32.9028, -40.1140** is the 20% darker color. If you saturate the color by 10%, you get **181.5790, -42.1904, -47.8658**, and if you desaturate by 10%, it is **196.9890, -27.1096, -31.5624**.

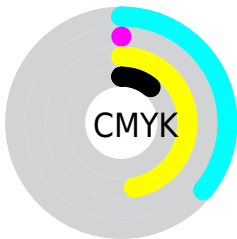
Distribution



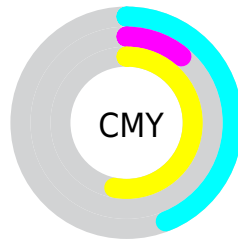
- Red (56%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (79%)



- Cyan (36%)
- Magenta (0%)
- Yellow (47%)
- Black (11%)



- Cyan (44%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.2840, -34.6500, -39.7141 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 189.2840, -34.6500, -39.7141 by changing the saturation by 10% instead.

■ 189.2840,
-34.6500, -39.7141

■ 189.2840,
-34.6500, -39.7141

255.0000, 0.0000,
0.0000

■ 161.5120,
-33.7764, -39.9140

■ 229.5060,
-27.8575, -24.9998

■ 133.7400,
-32.9028, -40.1140

■ 241.3690,
-19.9019, -9.9706

■ 106.6690,
-31.8818, -40.9287

■ 252.0360,
-11.3567, 2.5994

■ 78.5330, -32.3078,
-44.3174

■ 54.0040, -26.6240,
-47.3615

■ 39.3290, -19.3892,
-34.4915

■ 26.4150, -13.0226,

-23.1660

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 189.2840,
-34.6500, -39.7141

■ 189.2840,
-34.6500, -39.7141

■ 181.5790,
-42.1904, -47.8658

■ 196.9890,
-27.1096, -31.5624

■ 173.6890,
-49.1467, -56.7323

■ 204.8790,
-20.1533, -22.6959

■ 165.9840,
-56.6871, -64.8840

■ 212.5840,
-12.6129, -14.5442

■ 158.3930,
-63.7907, -73.1357

■ 220.1750, -5.5093,
-6.2925

■ 150.3890,
-71.1838, -81.9022

■ 228.1790, 1.8838,
2.4740

■ 148.5090,
-73.2149, -83.7614

■ 235.8840, 9.4242,
10.6257

■ 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



197.3370, -54.8891, 11.9825



189.2840, -34.6500, -39.7141



157.1940, 8.2854, -137.8591

Triad

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



189.2840, -34.6500, -39.7141



158.7970, 47.4281, -139.2650



187.5220, -4.6943, 59.1782

Complementary

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



189.2840, -34.6500, -39.7141



155.7160, 34.6500, 39.7141

Split Complementary

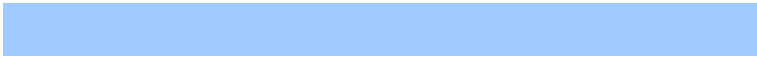
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



196.7100, 20.3560, 51.1203



189.2840, -34.6500, -39.7141



195.1850, 29.4888, -31.7342

Square

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



189.2840, -34.6500, -39.7141



165.2540, 44.2448, -144.9278



208.0070, 23.1675, 35.9509



190.1710, -32.6223, 56.8550

Rectangle

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



189.2840, -34.6500, -39.7141



163.0420, 25.6153, -142.9878



208.0070, 23.1675, 35.9509



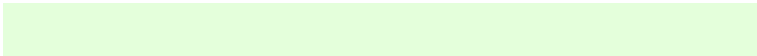
189.2150, 4.3310, 57.6934

Sweetspot

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



189.2840, -34.6500, -39.7141



242.8230, -11.7447, -12.9998



197.9530, -38.9238, 24.5972



120.4090, -7.1036, -8.2517



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.



189.2840, -34.6500, -39.7141



205.2810, -46.9735, -53.7434



184.8870, -19.1713, -57.7829



108.3540, -3.6255, -3.8185



115.5710, -56.9765, -65.3988



31.4650, -15.5122, -17.9478

Inverse Universe

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



155.7160, 34.6500, 39.7141



159.7190, 46.9735, 53.7434



160.1130, 19.1713, 57.7829



104.9450, 3.4781, 4.4332



60.4290, 56.9765, 65.3988



16.5350, 15.5122, 17.9478

Previews

White Background



This preview shows how the YUV color 189.2840, -34.6500, -39.7141 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 189.2840, -34.6500, -39.7141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

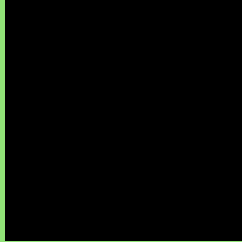
Any Text WCAG AA ✓ Pass

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 189.2840, -34.6500, -39.7141 Background



This preview shows how black text looks on a background with the YUV color 189.2840, -34.6500, -39.7141.



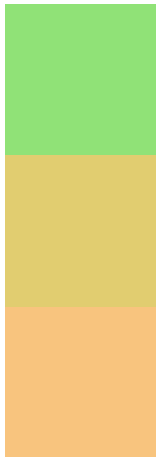
This preview shows how white text looks on a background with the YUV color 189.2840, -34.6500, -39.7141.

-39.7141.

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

189.2840, -34.6500, -39.7141

Protanopia

200.3780, -43.5704, 21.5935

Deuteranopia

203.5680, -38.2410, 38.9669



Tritanopia

200.1020, 15.2327, -32.5385

Trichromacy



Original Color

189.2840, -34.6500, -39.7141

Protanomaly

196.7450, -40.3003, -0.6534

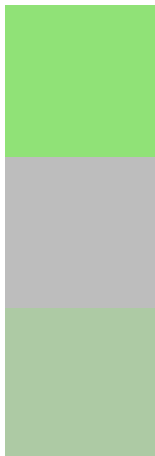
Deuteranomaly

198.3210, -37.1333, 10.2425

Tritanomaly

196.2700, -3.0911, -35.3168

Monochromacy



Original Color

189.2840, -34.6500, -39.7141

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9970, -12.3235, -14.0294

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.2840, -34.6500, -39.7141 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(144, 226, 119)` looks like.

```
.text, #text, p{  
    color:rgb(144, 226, 119)  
}
```

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(144, 226, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 226, 119) }
```

Border

The CSS property to change the border of an element to YUV 189.2840, -34.6500, -39.7141 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(144, 226, 119) }
```


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

```
.border{ border-color:rgb(144, 226, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 226, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 226, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 226, 119); box-shadow:4px 4px 4px 4px rgb(144, 226, 119) }
```

Background

The CSS property to change the background color of an element to YUV 189.2840, -34.6500, -39.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 226, 119) }
```

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

```
.background{ background-color: rgb(144,  
226, 119) }
```

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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