

Converting Colors

YIQ(211.9940, 16.1910,
-34.6330)

Have a look what the booklet for
YIQ(211.9940, 16.1910, -34.6330)
contains.

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Color

**YIQ(211.9940, 16.1910,
-34.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE687
RGB	206, 230, 135
RGB Percent	81%, 90%, 53%
CMY	0.1923, 0.0980, 0.4704
CMYK	0.10, 0.00, 0.41, 0.10
HSL	75°, 66%, 72%
HSV	75°, 41%, 90%
XYZ	58.1206, 71.4669, 33.6659
YIQ	211.9940, 16.1910, -34.6330

Conversions

Conversions Part 2

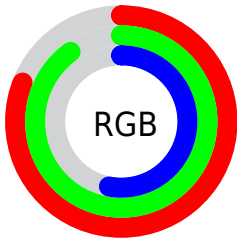
Format	Color
RYB	135, 230, 159
Decimal	13559431
CIELab	87.71, -22.64, 43.57
CIELCh	88, 49.103, 117.456
Yxy	71.4669, 0.3560, 0.4378
Android (android.graphics.Color)	4291749511 (0xFFCEE687)
YUV	211.9940, -37.9580, -5.2567
Hunter-Lab	84.5381, -25.2217, 35.5654

Details

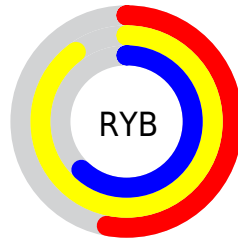
The YIQ color **211.9940, 16.1910, -34.6330** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **153.0060, -16.1910, 34.6330**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.5900, 20.8650, -20.2150**, and **156.4500, 14.9070, -33.3890** is the 20% darker color. If you saturate the color by 10%, you get **207.5780, 19.9980, -43.0580**, and if you desaturate by 10%, it is **216.4100, 12.3840, -26.2080**.

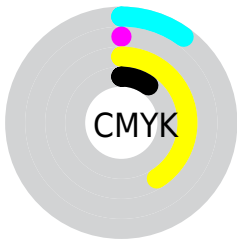
Distribution



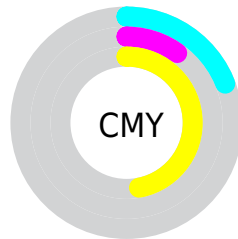
- Red (81%)
- Green (90%)
- Blue (53%)



- Red (53%)
- Yellow (90%)
- Blue (62%)



- Cyan (10%)
- Magenta (0%)
- Yellow (41%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.9940, 16.1910, -34.6330 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 YIQ color 211.9940, 16.1910, -34.6330 by changing the saturation by 10% instead.

211.9940, 16.1910,
-34.6330

211.9940, 16.1910,
-34.6330

255.0000, -0.0000,
-0.0000

184.2220, 15.5490,
-34.0110

247.5900, 20.8650,
-20.2150

156.4500, 14.9070,
-33.3890

250.7820, 11.8770,
-11.5070

130.2650, 13.9900,
-33.2900

254.0880, 2.5680,
-2.4880

104.3790, 13.6690,
-32.9790

78.6950, 15.5950,
-34.8450

56.9040, 7.9370,
-28.2150

35.6290, -1.2340,

-21.6980

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,
0.0000

■ 211.9940, 16.1910,
-34.6330

■ 211.9940, 16.1910,
-34.6330

■ 207.5780, 19.9980,
-43.0580

■ 216.4100, 12.3840,
-26.2080

■ 203.1620, 23.8050,
-51.4830


■ 220.8260, 8.5770,
-17.7830

■ 199.0450, 28.2080,
-59.6960


■ 224.9430, 4.1740,
-9.5700


■ 194.6290, 32.0150,
-68.1210

■ 229.3590, 0.3670,
-1.1450

 190.2130, 35.8220,
-76.5460


 233.7750, -3.4400,
7.2800

 186.4380, 39.2620,
-83.8260

 236.1390, -1.4690,
10.1070

 237.9330, 2.1070,
11.3790

 239.7270, 5.6830,
12.6510

 240.3250, 6.8750,
13.0750

Harmonies

Analogous

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



217.1020, 51.5380, -19.9340



211.9940, 16.1910, -34.6330



204.8820, -30.5280, -41.4720

Triad

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



211.9940, 16.1910, -34.6330



176.5500, -131.8090, -39.6570



209.4300, 29.1090, 28.6370

Complementary

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



211.9940, 16.1910, -34.6330



153.0060, -16.1910, 34.6330

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.



218.6060, 17.0500, 32.4260



211.9940, 16.1910, -34.6330



203.8910, -59.9690, -9.0010

Square

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



211.9940, 16.1910, -34.6330



172.2980, -148.9550, -48.3070



217.2340, -8.8060, 16.4260



205.8330, 43.3710, 12.4510

Rectangle

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



211.9940, 16.1910, -34.6330



196.9070, -67.2070, -43.0390



217.2340, -8.8060, 16.4260



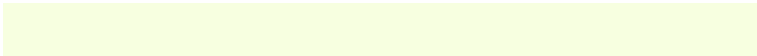
212.4280, 23.4230, 32.5670

Sweetspot

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



211.9940, 16.1910, -34.6330



249.0740, 5.1830, -11.3370



177.4930, 50.0200, 7.5880



124.4530, 2.7980, -6.6580



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.



211.9940, 16.1910, -34.6330



230.9540, 21.6950, -46.2810



197.9410, -11.8210, -44.5970



112.7350, 2.0640, -4.3680



144.8400, 30.0430, -65.4210



41.2990, 8.6230, -18.6170

Inverse Universe

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



153.0060, -16.1910, 34.6330



152.0460, -21.6950, 46.2810



167.0590, 11.8210, 44.5970



105.2650, -2.0640, 4.3680



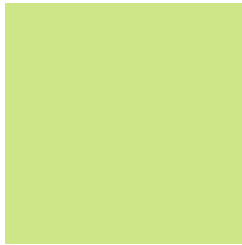
33.8610, -30.6390, 65.2090



9.7010, -8.6230, 18.6170

Previews

White Background



This preview shows how the YIQ color 211.9940, 16.1910, -34.6330 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 YIQ color 211.9940, 16.1910, -34.6330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

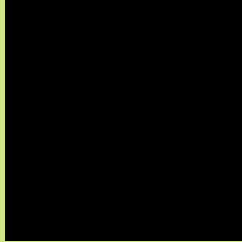
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

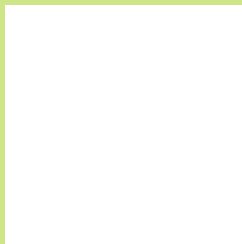
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.9940, 16.1910, -34.6330

Background



This preview shows how black text looks on a background with the YIQ color 211.9940, 16.1910, -34.6330.



This preview shows how white text looks on a background with the YIQ color 211.9940, 16.1910,

-34.6330.

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

211.9940, 16.1910, -34.6330

Protanopia

215.8340, 40.4890, -23.4390

Deuteranopia

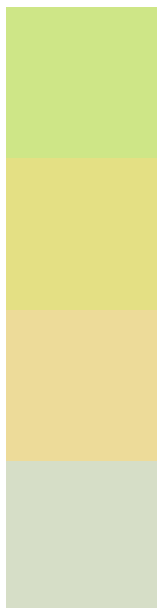
219.2710, 41.3570, -6.1230



Tritanopia

220.2370, -4.8610, 5.4990

Trichromacy



Original Color

211.9940, 16.1910, -34.6330

Protanomaly

214.7080, 31.9160, -27.7640

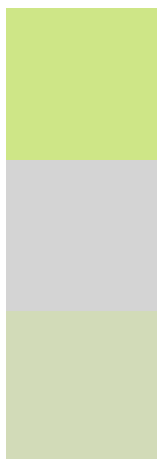
Deuteranomaly

216.8580, 31.9140, -16.7100

Tritanomaly

216.9860, 2.6150, -8.8490

Monochromacy



Original Color

211.9940, 16.1910, -34.6330

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.3190, 5.8710, -12.7930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.9940, 16.1910, -34.6330 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(206, 230, 135)` looks like.

```
.text, #text, p{  
    color:rgb(206, 230, 135)  
}
```

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(206, 230, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 230, 135) }
```

Border

The CSS property to change the border of an element to YIQ 211.9940, 16.1910, -34.6330 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(206, 230, 135) }
```


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

```
.border{ border-color:rgb(206, 230, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 230, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 230, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 230, 135);  
box-shadow:4px 4px 4px 4px rgb(206, 230,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 211.9940, 16.1910, -34.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 230, 135) }
```

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

```
.background{ background-color: rgb(206,  
230, 135) }
```

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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