

Converting Colors

YIQ(136.1160, -67.9790,
-84.1310)

Have a look what the booklet for
YIQ(136.1160, -67.9790, -84.1310)
contains.

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Color

**YIQ(136.1160, -67.9790,
-84.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	13D144
RGB	19, 209, 68
RGB Percent	7%, 82%, 27%
CMY	0.9260, 0.1801, 0.7335
CMYK	0.91, 0.00, 0.67, 0.18
HSL	135°, 83%, 45%
HSV	135°, 91%, 82%
XYZ	24.1280, 46.1939, 13.1069
YIQ	136.1160, -67.9790, -84.1310

Conversions

Conversions Part 2

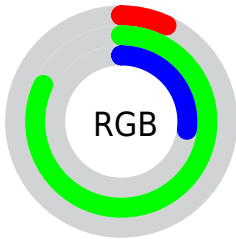
Format	Color
RYB	19, 170, 209
Decimal	1298756
CIELab	73.67, -69.92, 55.85
CIELCh	74, 89.493, 141.383
Yxy	46.1939, 0.2892, 0.5537
Android (android.graphics.Color)	4279488836 (0xFF13D144)
YUV	136.1160, -33.5812, -102.7107
Hunter-Lab	67.9661, -55.5730, 36.1425

Details

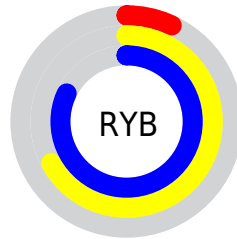
The YIQ color **136.1160, -67.9790, -84.1310** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **91.8840, 67.9790, 84.1310**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8850, -44.9190, -72.5270**, and **89.8110, -42.0750, -80.0190** is the 20% darker color. If you saturate the color by 10%, you get **128.8390, -74.8090, -92.5130**, and if you desaturate by 10%, it is **144.1050, -60.2780, -75.0140**.

Distribution



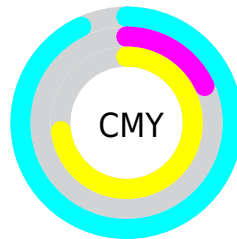
- Red (7%)
- Green (82%)
- Blue (27%)



- Red (7%)
- Yellow (67%)
- Blue (82%)



- Cyan (91%)
- Magenta (0%)
- Yellow (67%)
- Black (18%)



- Cyan (93%)
- Magenta (18%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.1160, -67.9790, -84.1310 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 136.1160, -67.9790, -84.1310 by changing the saturation by 10% instead.

■ 136.1160,
-67.9790, -84.1310

■ 136.1160,
-67.9790, -84.1310

■ 255.0000, -0.0000,
-0.0000

■ 110.6930,
-62.2940, -82.5340

■ 195.8850,
-44.9190, -72.5270

■ 89.8110, -42.0750,
-80.0190

■ 208.9440,
-34.2390, -56.8230

■ 73.9620, -34.6500,
-65.8980

■ 221.4050,
-24.7510, -41.5430

■ 58.1130, -27.2250,
-51.7770

■ 233.8660,
-15.2630, -26.2630

■ 42.8510, -20.0750,
-38.1790

■ 246.4410, -6.0960,
-10.6720

■ 29.3500, -13.7500,
-26.1500

■ 12.3270, -5.7750,

-10.9830

■ 0.0000, 0.0000,
0.0000

■ 136.1160,
-67.9790, -84.1310

■ 136.1160,
-67.9790, -84.1310

■ 128.8390,
-74.8090, -92.5130

■ 144.1050,
-60.2780, -75.0140

■ 152.2080,
-52.8980, -65.5860

■ 160.1970,
-45.1970, -56.4690

■ 168.0010,
-38.4130, -47.2530

■ 176.1040,
-31.0330, -37.8250

■ 184.0930,
-23.3320, -28.7080

■ 192.1960,
-15.9520, -19.2800

■ 200.1850, -8.2510,
-10.1630

■ 208.2880, -0.8710,
-0.7350

Harmonies

Analogous

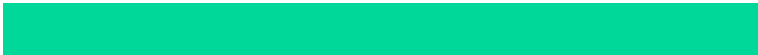
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.0170, 42.6060, -67.3300



136.1160, -67.9790, -84.1310



144.3480, -108.8340, -65.0740

Triad

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



136.1160, -67.9790, -84.1310



145.2960, -136.3050, -24.2490



145.9010, 85.3630, 44.3950

Complementary

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



136.1160, -67.9790, -84.1310



91.8840, 67.9790, 84.1310

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.



153.3740, 60.1870, 71.1550



136.1160, -67.9790, -84.1310



165.0390, -56.4890, 16.0470

Square

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



136.1160, -67.9790, -84.1310



154.1010, -140.4300, -32.0940



181.0380, 34.6500, 65.8980



159.2010, 100.2720, -0.0480

Rectangle

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



136.1160, -67.9790, -84.1310



152.0200, -127.6810, -48.3930



181.0380, 34.6500, 65.8980



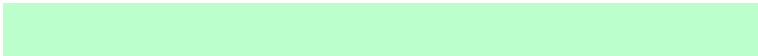
144.7560, 78.9420, 56.1420

Sweetspot

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



136.1160, -67.9790, -84.1310



228.5550, -24.7530, -30.4890



173.2870, 32.9780, -69.0540



112.2070, -14.4850, -18.3330



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.



136.1160, -67.9790, -84.1310



157.2090, -91.3110, -112.8390



146.8320, -98.1530, -54.8970



100.7990, -3.9880, -4.8200



103.5180, -60.0030, -74.4910



25.3210, -14.8060, -18.0220

Inverse Universe

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



91.8840, 67.9790, 84.1310



97.7910, 91.3110, 112.8390



81.1680, 98.1530, 54.8970



98.2010, 3.9880, 4.8200



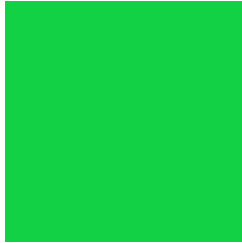
64.4820, 60.0030, 74.4910



15.6790, 14.8060, 18.0220

Previews

White Background



This preview shows how the YIQ color 136.1160, -67.9790, -84.1310 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 136.1160, -67.9790, -84.1310 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 136.1160, -67.9790, -84.1310 Background



This preview shows how black text looks on a background with the YIQ color 136.1160, -67.9790, -84.1310.



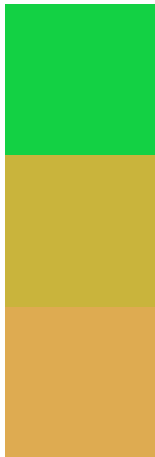
This preview shows how white text looks on a background with the YIQ color 136.1160, -67.9790, -84.1310.

-84.1310.

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

136.1160, -67.9790, -84.1310

Protanopia

172.5990, 51.0360, -32.8680

Deuteranopia

175.9890, 59.2860, -17.1780



Tritanopia

164.2330, -70.1000, -18.1320

Trichromacy



Original Color

136.1160, -67.9790, -84.1310



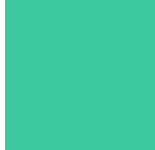
Protanomaly

159.6640, 7.7120, -51.6800



Deuteranomaly

161.5110, 12.9370, -41.7430



Tritanomaly

154.0640, -69.0870, -42.0070

Monochromacy



Original Color

136.1160, -67.9790, -84.1310



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

136.1420, -25.0280, -31.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.1160, -67.9790, -84.1310 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(19, 209, 68)` looks like.

```
.text, #text, p{  
    color:rgb(19, 209, 68)  
}
```

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(19, 209, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 209, 68) }
```

Border

The CSS property to change the border of an element to YIQ 136.1160, -67.9790, -84.1310 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(19, 209, 68) }
```


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

```
.border{ border-color:rgb(19, 209, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 209, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 209, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 209, 68);  
box-shadow:4px 4px 4px 4px rgb(19, 209,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 136.1160, -67.9790, -84.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 209, 68) }
```

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

```
.background{ background-color: rgb(19, 209,  
68) }
```

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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