

Converting Colors

YIQ(176.2680, -71.4630,
-87.0710)

Have a look what the booklet for
YIQ(176.2680, -71.4630, -87.0710)
contains.

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Color

**YIQ(176.2680, -71.4630,
-87.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	36FC6B
RGB	54, 252, 107
RGB Percent	21%, 99%, 42%
CMY	0.7888, 0.0114, 0.5805
CMYK	0.79, 0.00, 0.58, 0.01
HSL	136°, 97%, 60%
HSV	136°, 79%, 99%
XYZ	39.0016, 71.5138, 25.6458
YIQ	176.2680, -71.4630, -87.0710

Conversions

Conversions Part 2

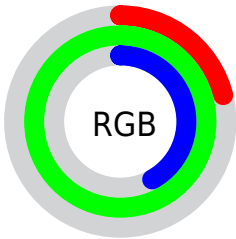
Format	Color
RYB	54, 210, 252
Decimal	3603563
CIELab	87.73, -75.58, 55.34
CIELCh	88, 93.672, 143.789
Yxy	71.5138, 0.2864, 0.5252
Android (android.graphics.Color)	4281793643 (0xFF36FC6B)
YUV	176.2680, -34.1491, -107.2290
Hunter-Lab	84.5658, -65.6663, 41.2155

Details

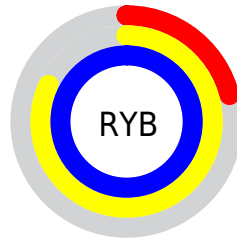
The YIQ color **176.2680, -71.4630, -87.0710** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **129.7320, 71.4630, 87.0710**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6210, -43.4550, -54.9990**, and **119.8060, -70.0420, -85.2900** is the 20% darker color. If you saturate the color by 10%, you get **166.7410, -80.5850, -97.9690**, and if you desaturate by 10%, it is **185.7950, -62.3410, -76.1730**.

Distribution



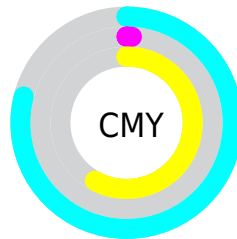
- Red (21%)
- Green (99%)
- Blue (42%)



- Red (21%)
- Yellow (82%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (58%)
- Black (1%)



- Cyan (79%)
- Magenta (1%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.2680, -71.4630, -87.0710 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 176.2680, -71.4630, -87.0710 by changing the saturation by 10% instead.

176.2680,
-71.4630, -87.0710

176.2680,
-71.4630, -87.0710

255.0000, -0.0000,
-0.0000

140.0210,
-87.0050, -91.7490

207.6210,
-43.4550, -54.9990

119.8060,
-70.0420, -85.2900

220.6800,
-32.7750, -39.2950

99.7220, -52.0700,
-80.5980

233.5540,
-23.0120, -23.4920

81.0060, -37.9500,
-72.1740

246.4280,
-13.2490, -7.6890

65.1570, -30.5250,
-58.0530

49.8950, -23.3750,
-44.4550

35.8070, -16.7750,

-31.9030

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,
0.0000

■ 176.2680,
-71.4630, -87.0710

■ 176.2680,
-71.4630, -87.0710

■ 166.7410,
-80.5850, -97.9690

■ 185.7950,
-62.3410, -76.1730

■ 156.8010,
-89.9820, -109.3900

■ 195.4360,
-53.5400, -64.9640

■ 155.6760,
-91.1280, -110.6480

■ 204.9630,
-44.4180, -54.0660

■ 214.9030,
-35.0210, -42.6450

■ 224.4300,
-25.8990, -31.7470

■ 234.0710,
-17.0980, -20.5380

■ 243.5980, -7.9760,
-9.6400

■ 253.2390, 0.8250,
1.5690

Harmonies

Analogous

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



196.2390, 50.1280, -82.5120



176.2680, -71.4630, -87.0710



172.2570, -133.6830, -71.7870

Triad

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



176.2680, -71.4630, -87.0710



167.6020, -146.7550, -44.1230



173.0460, 65.4210, 31.3490

Complementary

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



176.2680, -71.4630, -87.0710



129.7320, 71.4630, 87.0710

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.



179.5560, 38.8230, 61.8550



176.2680, -71.4630, -87.0710



202.6380, -30.6750, 10.7730

Square

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



176.2680, -71.4630, -87.0710



178.1680, -151.7050, -53.5370



200.4090, 25.5750, 48.6390



185.5310, 81.2470, -13.1930

Rectangle

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



176.2680, -71.4630, -87.0710



178.7550, -151.9800, -54.0600



200.4090, 25.5750, 48.6390



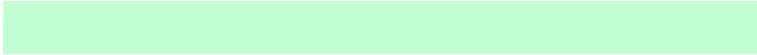
172.2430, 58.0370, 44.0290

Sweetspot

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



176.2680, -71.4630, -87.0710



231.6310, -21.9110, -26.9270



213.5810, 31.9700, -72.8140



113.7450, -13.0640, -16.5520



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.



176.2680, -71.4630, -87.0710



163.2900, -86.8650, -105.3050



187.5540, -103.2420, -56.2820



120.0870, -4.8590, -5.5550



116.7570, -68.3460, -82.9860



37.6310, -21.9110, -26.9270

Inverse Universe

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



129.7320, 71.4630, 87.0710



106.8240, 86.5440, 105.6160



118.4460, 103.2420, 56.2820



117.0270, 4.5380, 5.8660



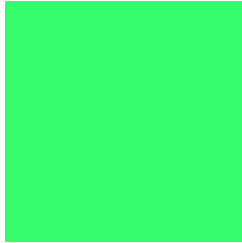
72.2430, 68.3460, 82.9860



23.3690, 21.9110, 26.9270

Previews

White Background



This preview shows how the YIQ color 176.2680, -71.4630, -87.0710 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 176.2680, -71.4630, -87.0710 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 176.2680, -71.4630, -87.0710 Background



This preview shows how black text looks on a background with the YIQ color 176.2680, -71.4630, -87.0710.

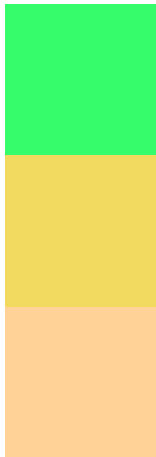


This preview shows how white text looks on a background with the YIQ color 176.2680, -71.4630, -87.0710.

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

176.2680, -71.4630, -87.0710

Protanopia

211.2680, 53.4660, -32.8540

Deuteranopia

216.8430, 45.4380, -8.4980



Tritanopia

201.9870, -78.2150, -19.7430

Trichromacy



Original Color

176.2680, -71.4630, -87.0710



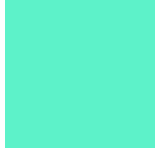
Protanomaly

198.4360, 8.3540, -52.3020



Deuteranomaly

201.9970, 2.9410, -36.7950



Tritanomaly

192.7750, -75.6430, -44.3390

Monochromacy



Original Color

176.2680, -71.4630, -87.0710



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

176.4300, -25.8990, -31.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.2680, -71.4630, -87.0710 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(54, 252, 107)` looks like.

```
.text, #text, p{  
    color:rgb(54, 252, 107)  
}
```

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(54, 252, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 252, 107) }
```

Border

The CSS property to change the border of an element to YIQ 176.2680, -71.4630, -87.0710 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(54, 252, 107) }
```


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

```
.border{ border-color:rgb(54, 252, 107) }
```

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

Here you see how a box with a 4 pixel rgb(54, 252, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 252, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 252, 107);  
box-shadow:4px 4px 4px 4px rgb(54, 252,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 176.2680, -71.4630, -87.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 252, 107) }
```

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

```
.background{ background-color: rgb(54, 252,  
107) }
```

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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