

Converting Colors

YIQ(175.5840, -69.5370,
-88.9370)

Have a look what the booklet for
YIQ(175.5840, -69.5370, -88.9370)
contains.

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Color

**YIQ(175.5840, -69.5370,
-88.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	36FC65
RGB	54, 252, 101
RGB Percent	21%, 99%, 40%
CMY	0.7888, 0.0114, 0.6041
CMYK	0.79, 0.00, 0.60, 0.01
HSL	134°, 97%, 60%
HSV	134°, 79%, 99%
XYZ	38.6970, 71.3919, 24.0420
YIQ	175.5840, -69.5370, -88.9370

Conversions

Conversions Part 2

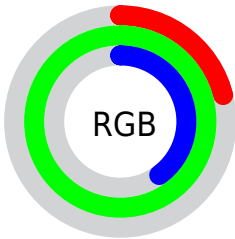
Format	Color
RYB	54, 214, 252
Decimal	3603557
CIELab	87.68, -76.29, 57.87
CIELCh	88, 95.757, 142.821
Yxy	71.3919, 0.2885, 0.5323
Android (android.graphics.Color)	4281793637 (0xFF36FC65)
YUV	175.5840, -36.7699, -106.6292
Hunter-Lab	84.4937, -66.1135, 42.2751

Details

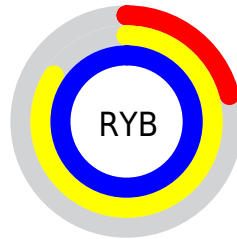
The YIQ color **175.5840, -69.5370, -88.9370** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **130.4160, 69.5370, 88.9370**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.9370, -41.5290, -56.8650**, and **119.0080, -67.7950, -87.4670** is the 20% darker color. If you saturate the color by 10%, you get **165.9430, -78.3380, -100.1460**, and if you desaturate by 10%, it is **185.2250, -60.7360, -77.7280**.

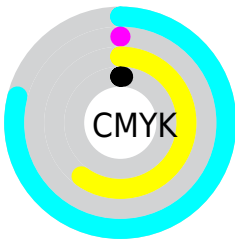
Distribution



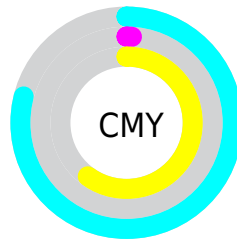
- Red (21%)
- Green (99%)
- Blue (40%)



- Red (21%)
- Yellow (84%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (60%)
- Black (1%)



- Cyan (79%)
- Magenta (1%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.5840, -69.5370, -88.9370 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 175.5840, -69.5370, -88.9370 by changing the saturation by 10% instead.

■ 175.5840,
-69.5370, -88.9370

■ 175.5840,
-69.5370, -88.9370

■ 255.0000, -0.0000,
-0.0000

■ 139.3370,
-85.0790, -93.6150

■ 206.9370,
-41.5290, -56.8650

■ 119.0080,
-67.7950, -87.4670

■ 219.9960,
-30.8490, -41.1610

■ 97.8980, -46.9340,
-85.5740

■ 232.8700,
-21.0860, -25.3580

■ 81.0060, -37.9500,
-72.1740

■ 245.7440,
-11.3230, -9.5550

■ 65.1570, -30.5250,
-58.0530

■ 49.8950, -23.3750,
-44.4550

■ 35.2200, -16.5000,

-31.3800

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,
0.0000

■ 175.5840,
-69.5370, -88.9370

■ 175.5840,
-69.5370, -88.9370

■ 165.9430,
-78.3380, -100.1460

■ 185.2250,
-60.7360, -77.7280

■ 156.0030,
-87.7350, -111.5670

■ 194.8660,
-51.9350, -66.5190

■ 154.7640,
-88.5600, -113.1360

■ 204.6210,
-43.4550, -54.9990

■ 214.5610,
-34.0580, -43.5780

■ 224.2020,
-25.2570, -32.3690

■ 233.8430,
-16.4560, -21.1600

■ 243.4840, -7.6550,
-9.9510

■ 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.



196.8370, 51.3200, -82.0880



175.5840, -69.5370, -88.9370



171.8010, -132.3990, -73.0310

Triad

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



175.5840, -69.5370, -88.9370



168.1890, -147.0300, -44.6460



170.8120, 66.2000, 33.7520

Complementary

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



175.5840, -69.5370, -88.9370



130.4160, 69.5370, 88.9370

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.



177.6640, 38.6390, 65.1910



175.5840, -69.5370, -88.9370



200.5340, -36.3140, 8.3420

Square

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



175.5840, -69.5370, -88.9370



178.7550, -151.9800, -54.0600



200.4090, 25.5750, 48.6390



183.5420, 82.7140, -12.2460

Rectangle

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



175.5840, -69.5370, -88.9370



178.7550, -151.9800, -54.0600



200.4090, 25.5750, 48.6390



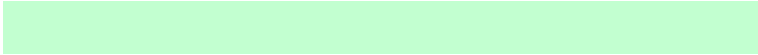
169.5360, 58.7700, 47.2660

Sweetspot

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



175.5840, -69.5370, -88.9370



231.4030, -21.2690, -27.5490



215.6740, 36.1420, -71.3300



113.6310, -12.7430, -16.8630



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.



175.5840, -69.5370, -88.9370



162.3780, -84.2970, -107.7930



186.7560, -100.9950, -58.4590



119.9730, -4.5380, -5.8660



116.0730, -66.4200, -84.8520



37.5170, -21.5900, -27.2380

Inverse Universe

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



130.4160, 69.5370, 88.9370



107.6220, 84.2970, 107.7930



119.2440, 100.9950, 58.4590



117.0270, 4.5380, 5.8660



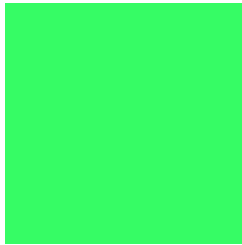
72.9270, 66.4200, 84.8520



23.5970, 21.2690, 27.5490

Previews

White Background



This preview shows how the YIQ color 175.5840, -69.5370, -88.9370 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 175.5840, -69.5370, -88.9370 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 175.5840, -69.5370, -88.9370 Background



This preview shows how black text looks on a background with the YIQ color 175.5840, -69.5370, -88.9370.



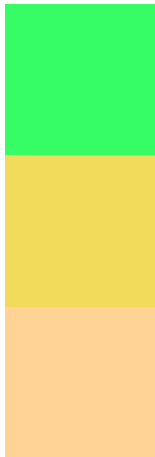
This preview shows how white text looks on a background with the YIQ color 175.5840, -69.5370, -88.9370.

-88.9370.

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

175.5840, -69.5370, -88.9370

Protanopia

210.6980, 55.0710, -34.4090

Deuteranopia

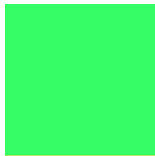
216.6150, 46.0800, -9.1200



Tritanopia

201.6880, -78.8110, -19.9550

Trichromacy



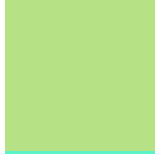
Original Color

175.5840, -69.5370, -88.9370



Protanomaly

197.8660, 9.9590, -53.8570



Deuteranomaly

201.5410, 4.2250, -38.0390



Tritanomaly

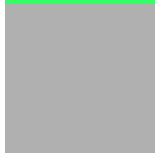
192.2480, -75.5970, -45.1730

Monochromacy



Original Color

175.5840, -69.5370, -88.9370



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

176.2020, -25.2570, -32.3690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.5840, -69.5370, -88.9370 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(54, 252, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 252, 101) }
```

Border

The CSS property to change the border of an element to YIQ 175.5840, -69.5370, -88.9370 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, 101) }
```


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

```
.border{ border-color:rgb(54, 252, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 252, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 252, 101);  
box-shadow:4px 4px 4px 4px rgb(54, 252,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 175.5840, -69.5370, -88.9370 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, 101) }
```

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

```
.background{ background-color: rgb(54, 252,  
101) }
```

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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