

Converting Colors

YIQ(174.9270, -89.4360,
-86.2360)

Have a look what the booklet for
YIQ(174.9270, -89.4360, -86.2360)
contains.

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Color

**YIQ(174.9270, -89.4360,
-86.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	24FF7F
RGB	36, 255, 127
RGB Percent	14%, 100%, 50%
CMY	0.8594, 0.0000, 0.5022
CMYK	0.86, 0.00, 0.50, 0.00
HSL	145°, 100%, 57%
HSV	145°, 86%, 100%
XYZ	40.3087, 73.4229, 32.1039
YIQ	174.9270, -89.4360, -86.2360

Conversions

Conversions Part 2

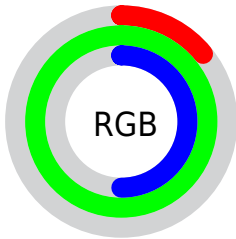
Format	Color
R _Y B	36, 191, 255
Decimal	2424703
CIE Lab	88.65, -75.42, 47.31
CIE LCh	89, 89.030, 147.898
Yxy	73.4229, 0.2764, 0.5035
Android (android.graphics.Color)	4280614783 (0xFF24FF7F)
YUV	174.9270, -23.6280, -121.8390
Hunter-Lab	85.6872, -65.9831, 37.7672

Details

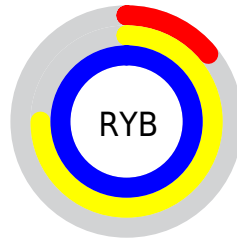
The YIQ color **174.9270, -89.4360, -86.2360** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **116.0730, 89.4360, 86.2360**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.5090, -54.6430, -50.4750**, and **124.0750, -77.9290, -80.0170** is the 20% darker color. If you saturate the color by 10%, you get **165.4430, -100.1170, -96.4130**, and if you desaturate by 10%, it is **184.1120, -79.3510, -76.2710**.

Distribution



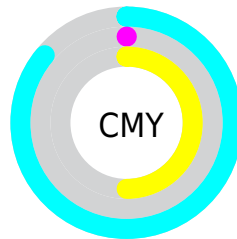
- Red (14%)
- Green (100%)
- Blue (50%)



- Red (14%)
- Yellow (75%)
- Blue (100%)



- Cyan (86%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (86%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.9270, -89.4360, -86.2360 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 174.9270, -89.4360, -86.2360 by changing the saturation by 10% instead.

174.9270,
-89.4360, -86.2360

174.9270,
-89.4360, -86.2360

255.0000, -0.0000,
-0.0000

144.0620,
-94.2500, -87.0980

207.5090,
-54.6430, -50.4750

124.0750,
-77.9290, -80.0170

220.8670,
-43.3670, -34.5590

104.0880,
-61.6080, -72.9360

233.7410,
-33.6040, -18.7560

84.8190, -44.5530,
-68.1450

245.1330,
-19.6680, -6.9960

66.3310, -31.0750,
-59.0990

254.7010, -0.5960,
-0.2120

51.0690, -23.9250,
-45.5010

36.3940, -17.0500,

-32.4260

■ 21.1320, -9.9000,
-18.8280

■ 0.0000, 0.0000,
0.0000

■ 174.9270,
-89.4360, -86.2360

■ 174.9270,
-89.4360, -86.2360

■ 165.4430,
-100.1170, -96.4130

■ 184.1120,
-79.3510, -76.2710

■ 161.7690,
-104.1510, -100.3990

■ 193.5960,
-68.6700, -66.0940

■ 202.7810,
-58.5850, -56.1290

■ 212.2650,
-47.9040, -45.9520

■ 221.3360,
-37.4980, -36.2980

■ 230.8200,
-26.8170, -26.1210

■ 240.0050,
-16.7320, -16.1560

■ 249.4890, -6.0510,
-5.9790

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



202.6670, 28.8520, -71.3720



174.9270, -89.4360, -86.2360



174.0810, -138.8190, -66.8110

Triad

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



174.9270, -89.4360, -86.2360



166.4280, -146.2050, -43.0770



179.9930, 63.7720, 22.6840

Complementary

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



174.9270, -89.4360, -86.2360



116.0730, 89.4360, 86.2360

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.



183.1120, 39.8330, 54.5610



174.9270, -89.4360, -86.2360



210.7220, -13.1160, 17.4440

Square

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



174.9270, -89.4360, -86.2360



178.1680, -151.7050, -53.5370



201.5830, 25.0250, 47.5930



192.1020, 77.9010, -18.6350

Rectangle

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



174.9270, -89.4360, -86.2360



178.7550, -151.9800, -54.0600



201.5830, 25.0250, 47.5930



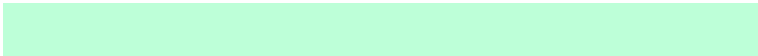
178.9620, 57.0300, 34.7420

Sweetspot

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



174.9270, -89.4360, -86.2360



230.8200, -26.8170, -26.1210



203.7220, 17.8510, -86.7650



113.3040, -16.1360, -15.9440



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.



174.9270, -89.4360, -86.2360



161.7690, -104.1510, -100.3990



187.0110, -123.4620, -53.2700



123.2010, -5.1800, -5.2440



121.1230, -77.8840, -75.3240



40.5320, -25.9460, -25.3860

Inverse Universe

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



116.0730, 89.4360, 86.2360



93.2310, 104.1510, 100.3990



103.9890, 123.4620, 53.2700



119.6850, 5.5010, 4.9330



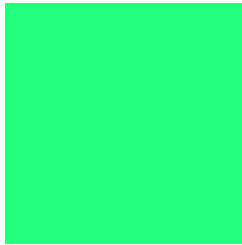
69.8770, 77.8840, 75.3240



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 174.9270, -89.4360, -86.2360 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 174.9270, -89.4360, -86.2360 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 174.9270, -89.4360, -86.2360 Background



This preview shows how black text looks on a background with the YIQ color 174.9270, -89.4360, -86.2360.



This preview shows how white text looks on a background with the YIQ color 174.9270, -89.4360, -86.2360.

-86.2360.

Color Blindness Simulation

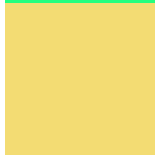
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

174.9270, -89.4360, -86.2360



Protanopia

214.9070, 47.4130, -27.7790



Deuteranopia

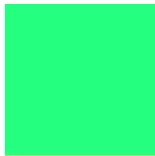
219.9720, 40.7610, -6.3350



Tritanopia

206.4500, -72.2090, -18.4570

Trichromacy



Original Color

174.9270, -89.4360, -86.2360



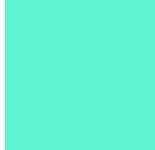
Protanomaly

200.5690, -2.1460, -49.2340



Deuteranomaly

203.3750, -6.8710, -35.1830



Tritanomaly

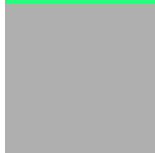
194.7470, -78.4400, -43.2080

Monochromacy



Original Color

174.9270, -89.4360, -86.2360



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.8360, -32.9140, -31.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.9270, -89.4360, -86.2360 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(36, 255, 127)` looks like.

```
.text, #text, p{  
    color:rgb(36, 255, 127)  
}
```

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(36, 255, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 255, 127) }
```

Border

The CSS property to change the border of an element to YIQ 174.9270, -89.4360, -86.2360 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(36, 255, 127) }
```


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

```
.border{ border-color:rgb(36, 255, 127) }
```

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

Here you see how a box with a 4 pixel rgb(36, 255, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 255, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 255, 127);  
box-shadow:4px 4px 4px 4px rgb(36, 255,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 174.9270, -89.4360, -86.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 255, 127) }
```

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

```
.background{ background-color: rgb(36, 255,  
127) }
```

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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