

Converting Colors

YIQ(141.1370, -26.6320,
-34.9840)

Have a look what the booklet for
YIQ(141.1370, -26.6320, -34.9840)
contains.

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Color

**YIQ(141.1370, -26.6320,
-34.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	5EAB6F
RGB	94, 171, 111
RGB Percent	37%, 67%, 44%
CMY	0.6316, 0.3293, 0.5648
CMYK	0.45, 0.00, 0.35, 0.33
HSL	133°, 31%, 52%
HSV	133°, 45%, 67%
XYZ	22.0477, 32.6621, 20.1769
YIQ	141.1370, -26.6320, -34.9840

Conversions

Conversions Part 2

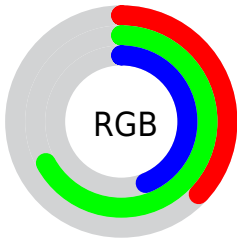
Format	Color
RYB	94, 157, 171
Decimal	6204271
CIELab	63.89, -37.12, 23.71
CIElCh	64, 44.047, 147.431
Yxy	32.6621, 0.2944, 0.4362
Android (android.graphics.Color)	4284394351 (0xFF5EAB6F)
YUV	141.1370, -14.8575, -41.3391
Hunter-Lab	57.1507, -31.1517, 19.0733

Details

The YIQ color **141.1370, -26.6320, -34.9840** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **123.8630, 26.6320, 34.9840**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.0830, -26.5400, -36.6520**, and **87.9950, -29.1080, -34.1640** is the 20% darker color. If you saturate the color by 10%, you get **134.5720, -32.5910, -42.6310**, and if you desaturate by 10%, it is **147.7020, -20.6730, -27.3370**.

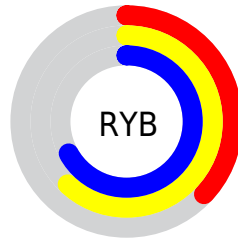
Distribution



Red (37%)

Green (67%)

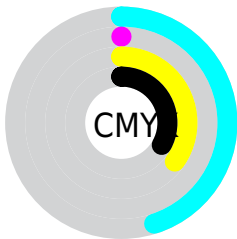
Blue (44%)



Red (37%)

Yellow (62%)

Blue (67%)

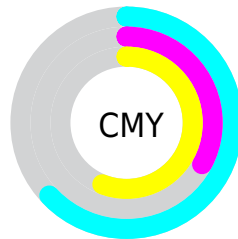


Cyan (45%)

Magenta (0%)

Yellow (35%)

Black (33%)



Cyan (63%)

Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.1370, -26.6320, -34.9840 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 141.1370, -26.6320, -34.9840 by changing the saturation by 10% instead.

■ 141.1370,
-26.6320, -34.9840

■ 141.1370,
-26.6320, -34.9840

■ 255.0000, -0.0000,
-0.0000

■ 114.3650,
-27.2740, -34.3620

■ 196.0830,
-26.5400, -36.6520

■ 87.9950, -29.1080,
-34.1640

■ 223.9690,
-26.2190, -36.9630

■ 59.1510, -38.4150,
-36.1990

■ 235.5330,
-18.5190, -22.3190

■ 42.5550, -24.7530,
-30.4890

■ 247.5100,
-10.5440, -7.1520

■ 26.4150, -12.3750,
-23.5350

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,

0.0000

■ 141.1370,
-26.6320, -34.9840

■ 141.1370,
-26.6320, -34.9840

■ 134.5720,
-32.5910, -42.6310

■ 147.7020,
-20.6730, -27.3370

■ 127.8930,
-38.2290, -50.5890

■ 154.3810,
-15.0350, -19.3790

■ 121.3280,
-44.1880, -58.2360

■ 160.9460, -9.0760,
-11.7320

■ 114.7630,
-50.1470, -65.8830

■ 167.5110, -3.1170,
-4.0850

■ 107.7850,
-56.3810, -74.0530

■ 174.1900, 2.5210,
3.8730

■ 104.7090,
-59.2230, -77.6150

■ 181.0540, 9.0760,
11.7320

■ 187.6190, 15.0350,
19.3790

■ 194.2980, 20.6730,
27.3370

■ 200.8630, 26.6320,
34.9840

Harmonies

Analogous

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



147.6010, 13.1640, -29.3320



141.1370, -26.6320, -34.9840



119.8250, -96.2750, -44.8750

Triad

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



141.1370, -26.6320, -34.9840



144.4020, -71.1130, 5.7430



155.3410, 62.6720, 20.5920

Complementary

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



141.1370, -26.6320, -34.9840



123.8630, 26.6320, 34.9840

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.



157.7160, 48.9150, 33.1310



141.1370, -26.6320, -34.9840



157.0990, -21.1870, 26.0530

Square

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



141.1370, -26.6320, -34.9840



124.8700, -117.3700, -20.4900



159.2690, 19.6170, 35.4650



153.9530, 60.1080, 0.9720

Rectangle

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



141.1370, -26.6320, -34.9840



122.9030, -104.9420, -36.4780



159.2690, 19.6170, 35.4650



156.1330, 60.5620, 25.7940

Sweetspot

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



141.1370, -26.6320, -34.9840



209.9950, -10.7720, -14.0360



157.1390, 14.5850, -27.5510



104.6090, -6.5090, -8.6930



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



141.1370, -26.6320, -34.9840



175.5180, -41.6670, -54.3630



145.4690, -38.8300, -23.1660



83.5110, -3.1170, -4.0850



91.8120, -51.8430, -68.1870



14.0710, -7.9300, -10.4740

Inverse Universe

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



123.8630, 26.6320, 34.9840



148.4820, 41.6670, 54.3630



119.5310, 38.8300, 23.1660



81.4890, 3.1170, 4.0850



58.1880, 51.8430, 68.1870



8.9290, 7.9300, 10.4740

Previews

White Background



This preview shows how the YIQ color 141.1370, -26.6320, -34.9840 looks on a white background.

Color Contrast Check

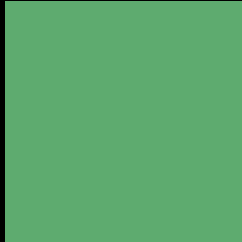
Large Text (above 18pt) WCAG AA × Fail

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 141.1370, -26.6320, -34.9840 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 141.1370, -26.6320, -34.9840 Background



This preview shows how black text looks on a background with the YIQ color 141.1370, -26.6320, -34.9840.



This preview shows how white text looks on a background with the YIQ color 141.1370, -26.6320, -34.9840.

-34.9840.

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

141.1370, -26.6320, -34.9840

Protanopia

152.1870, 23.7980, -12.7940

Deuteranopia

154.2190, 29.9400, -2.9560



Tritanopia

148.3360, -36.3570, -7.4050

Trichromacy



Original Color

141.1370, -26.6320, -34.9840

Protanomaly

147.9780, 5.0930, -20.7230

Deuteranomaly

149.1190, 9.3100, -14.5460

Tritanomaly

145.8660, -32.4580, -17.4980

Monochromacy



Original Color

141.1370, -26.6320, -34.9840

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.1200, -9.6260, -12.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.1370, -26.6320, -34.9840 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(94, 171, 111)` looks like.

```
.text, #text, p{  
    color:rgb(94, 171, 111)  
}
```

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(94, 171, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 171, 111) }
```

Border

The CSS property to change the border of an element to YIQ 141.1370, -26.6320, -34.9840 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(94, 171, 111) }
```


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

```
.border{ border-color:rgb(94, 171, 111) }
```

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

Here you see how a box with a 4 pixel rgb(94, 171, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 171, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 171, 111);  
box-shadow:4px 4px 4px 4px rgb(94, 171,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 141.1370, -26.6320, -34.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 171, 111) }
```

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

```
.background{ background-color: rgb(94, 171,  
111) }
```

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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