

Converting Colors

YIQ(147.0960, -34.3000,
26.9160)

Have a look what the booklet for
YIQ(147.0960, -34.3000, 26.9160)
contains.

YIQ(147.0960, -34.3000, 26.9160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(147.0960, -34.3000,
26.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	838BE7
RGB	131, 139, 231
RGB Percent	51%, 55%, 91%
CMY	0.4862, 0.4549, 0.0943
CMYK	0.43, 0.40, 0.00, 0.09
HSL	235°, 68%, 71%
HSV	235°, 43%, 91%
XYZ	33.0111, 29.0589, 79.4312
YIQ	147.0960, -34.3000, 26.9160

Conversions

Conversions Part 2

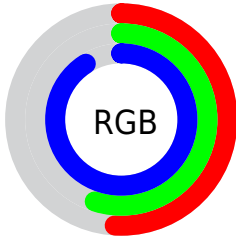
Format	Color
RYB	131, 138, 231
Decimal	8621031
CIELab	60.83, 20.28, -47.57
CIELCh	61, 51.713, 293.091
Yxy	29.0589, 0.2333, 0.2054
Android (android.graphics.Color)	4286811111 (0xFF838BE7)
YUV	147.0960, 41.3647, -14.1162
Hunter-Lab	53.9063, 14.9735, -49.6297

Details

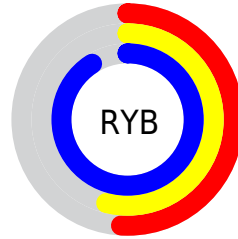
The YIQ color $147.0960, -34.3000, 26.9160$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $214.9040, 34.3000, -26.9160$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $197.9860, -22.6070, 18.7450$, and $94.6180, -35.9500, 23.7780$ is the 20% darker color. If you saturate the color by 10%, you get $127.8920, -42.2330, 33.0230$, and if you desaturate by 10%, it is $166.3000, -26.3670, 20.8090$.

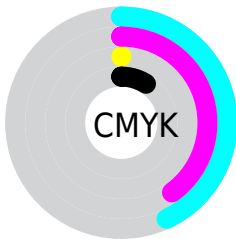
Distribution



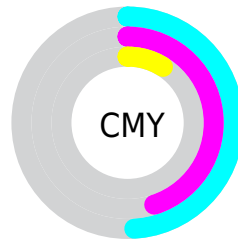
- Red (51%)
- Green (55%)
- Blue (91%)



- Red (51%)
- Yellow (54%)
- Blue (91%)



- Cyan (43%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.0960, -34.3000, 26.9160 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 147.0960, -34.3000, 26.9160 by changing the saturation by 10% instead.

■ 147.0960,
-34.3000, 26.9160

■ 147.0960,
-34.3000, 26.9160

■ 255.0000, -0.0000,
-0.0000

■ 120.8570,
-35.1250, 25.3470

■ 197.9860,
-22.6070, 18.7450

■ 94.6180, -35.9500,
23.7780

■ 223.0930,
-13.0230, 10.2490

■ 68.7700, -39.4340,
20.8380

■ 248.7870, -3.7140,
1.2300

■ 39.7360, -51.2620,
14.9300

■ 25.0320, -37.4160,
17.3040

■ 8.2080, -23.1120,
22.3920

■ 7.8200, -16.5080,

12.8360

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 147.0960,
-34.3000, 26.9160

■ 147.0960,
-34.3000, 26.9160

■ 127.8920,
-42.2330, 33.0230

■ 166.3000,
-26.3670, 20.8090

■ 108.6880,
-50.1660, 39.1300

■ 186.0910,
-18.7090, 14.1790

■ 88.8970, -57.8240,
45.7600

■ 205.2950,
-10.7760, 8.0720

■ 69.6930, -65.7570,
51.8670

■ 224.4990, -2.8430,
1.9650

■ 50.4890, -73.6900,
57.9740

■ 243.7030, 5.0900,
-4.1420

■ 36.9000, -79.1010,
62.4270

■ 252.2640, 7.7040,
-7.4640

Harmonies

Analogous

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



118.0030, -118.7020, -7.3580



147.0960, -34.3000, 26.9160



151.1750, 17.1860, 40.9780

Triad

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



147.0960, -34.3000, 26.9160



144.7370, 69.6440, 4.3640



114.4790, -89.4890, -46.7130

Complementary

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



147.0960, -34.3000, 26.9160



214.9040, 34.3000, -26.9160

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.



130.7470, -25.7140, -40.6100



147.0960, -34.3000, 26.9160



142.8140, 52.4090, -19.1990

Square

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



147.0960, -34.3000, 26.9160



146.0480, 71.1070, 27.4190



138.7450, 21.3260, -34.0820



119.8370, -104.5760, -32.0960

Rectangle

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



147.0960, -34.3000, 26.9160



149.2890, 43.2280, 42.5880



138.7450, 21.3260, -34.0820



112.1820, -84.3990, -50.8550

Sweetspot

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



147.0960, -34.3000, 26.9160



227.5230, -11.4180, 8.6940



200.1880, -57.0320, -23.6880



110.5680, -7.2910, 5.4850



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.



147.0960, -34.3000, 26.9160



143.6190, -45.7180, 35.6100



154.9580, -7.0680, 40.0040



104.9550, -4.1270, 3.2090



28.6240, -61.3090, 48.3470



8.1620, -17.4710, 13.7690

Inverse Universe

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



161.8120, 57.0320, 23.6880



163.0210, 75.7370, 31.6170



207.0420, 7.0680, -40.0040



106.7020, 6.8310, 2.8550



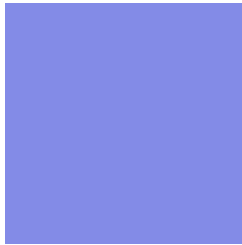
55.1170, 102.1900, 42.3020



15.7050, 29.1120, 12.0560

Previews

White Background



This preview shows how the YIQ color 147.0960, -34.3000, 26.9160 looks on a white background.

Color Contrast Check

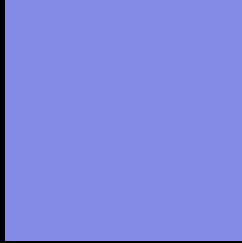
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.0960, -34.3000, 26.9160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

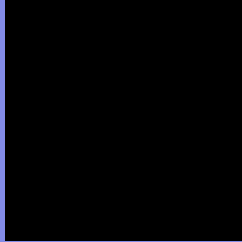
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 147.0960, -34.3000, 26.9160

Background



This preview shows how black text looks on a background with the YIQ color 147.0960, -34.3000, 26.9160.



This preview shows how white text looks on a background with the YIQ color 147.0960, -34.3000,

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

147.0960, -34.3000, 26.9160

Protanopia

143.9200, -48.6040, 21.8280

Deuteranopia

142.3060, -52.8670, 16.4850



Tritanopia

142.7070, -27.0960, -4.5360

Trichromacy



Original Color

147.0960, -34.3000, 26.9160

Protanomaly

145.3120, -43.8360, 23.5240

Deuteranomaly

143.9480, -45.8070, 20.6970

Tritanomaly

144.3020, -29.8490, 6.8150

Monochromacy



Original Color

147.0960, -34.3000, 26.9160

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.9790, -12.7020, 9.9380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.0960, -34.3000, 26.9160 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(131, 139, 231)` looks like.

```
.text, #text, p{  
    color:rgb(131, 139, 231)  
}
```

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(131, 139, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 139, 231) }
```

Border

The CSS property to change the border of an element to YIQ 147.0960, -34.3000, 26.9160 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(131, 139, 231) }
```


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

```
.border{ border-color:rgb(131, 139, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 139, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 139, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 139, 231);  
box-shadow:4px 4px 4px 4px rgb(131, 139,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 147.0960, -34.3000, 26.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 139, 231) }
```

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

```
.background{ background-color: rgb(131,  
139, 231) }
```

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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