

Converting Colors

YIQ(181.6870, 34.1270,
-84.3770)

Have a look what the booklet for
YIQ(181.6870, 34.1270, -84.3770)
contains.

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Color

**YIQ(181.6870, 34.1270,
-84.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E300
RGB	162, 227, 0
RGB Percent	64%, 89%, 0%
CMY	0.3650, 0.1097, 0.9996
CMYK	0.29, 0.00, 1.00, 0.11
HSL	77°, 100%, 45%
HSV	77°, 100%, 89%
XYZ	42.3618, 62.6264, 9.8577
YIQ	181.6870, 34.1270, -84.3770

Conversions

Conversions Part 2

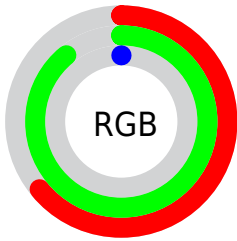
Format	Color
RYB	0, 227, 65
Decimal	10674944
CIELab	83.25, -45.85, 81.31
CIELCh	83, 93.346, 119.421
Yxy	62.6264, 0.3689, 0.5453
Android (android.graphics.Color)	4288865024 (0xFFA2E300)
YUV	181.6870, -89.5717, -17.2655
Hunter-Lab	79.1369, -42.9389, 48.0103

Details

The YIQ color **181.6870, 34.1270, -84.3770** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **45.3130, -34.1270, 84.3770**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.0950, 33.9390, -58.9330**, and **131.1740, 14.3630, -67.5970** is the 20% darker color. If you saturate the color by 10%, you get **181.6870, 34.1270, -84.3770**, and if you desaturate by 10%, it is **186.1030, 30.3200, -75.9520**.

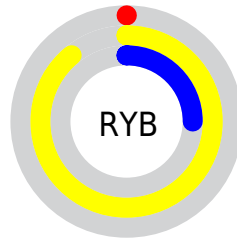
Distribution



Red (64%)

Green (89%)

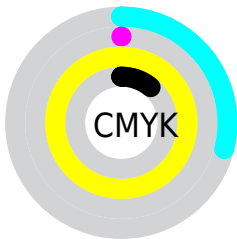
Blue (0%)



Red (0%)

Yellow (89%)

Blue (25%)

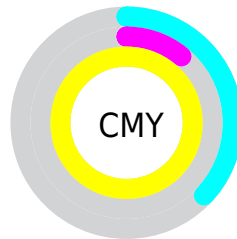


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (37%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.6870, 34.1270, -84.3770 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 181.6870, 34.1270, -84.3770 by changing the saturation by 10% instead.

181.6870, 34.1270,
-84.3770

181.6870, 34.1270,
-84.3770

255.0000, -0.0000,
-0.0000

156.2810, 23.9470,
-76.0930

226.0950, 33.9390,
-58.9330

131.1740, 14.3630,
-67.5970

238.4850, 42.1890,
-43.2430

106.3550, 3.9080,
-59.8360

242.8020, 34.3470,
-33.2770

81.5250, -8.0140,
-53.0220

246.1080, 25.0380,
-24.2580

54.5910, -25.5750,
-48.6390

249.5280, 15.4080,
-14.9280

40.5030, -18.9750,
-36.0870

252.9480, 5.7780,

27.0020, -12.6500,

-5.5980

-24.0580

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 181.6870, 34.1270,
-84.3770

■ 186.1030, 30.3200,
-75.9520

■ 190.8180, 27.1090,
-67.3150

■ 195.1200, 23.6230,
-59.2010

■ 199.8350, 20.4120,
-50.5640

■ 204.2510, 16.6050,
-42.1390

■ 208.8520, 13.7150,
-33.8130

■ 213.5670, 10.5040,
-25.1760

■ 217.9830, 6.6970,
-16.7510

■ 222.5840, 3.8070,
-8.4250

Harmonies

Analogous

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



193.6120, 92.5790, -53.3810



181.6870, 34.1270, -84.3770



154.2350, -102.2270, -91.2110

Triad

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



181.6870, 34.1270, -84.3770



169.3630, -147.5800, -45.6920



166.2710, 52.8070, 61.7270

Complementary

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



181.6870, 34.1270, -84.3770



45.3130, -34.1270, 84.3770

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.



188.0820, 31.3500, 59.6220



181.6870, 34.1270, -84.3770



157.6230, -142.0800, -35.2320

Square

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



181.6870, 34.1270, -84.3770



174.0590, -149.7800, -49.8760



196.8670, -14.7220, 24.5260



165.2720, 76.2880, 27.1360

Rectangle

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



181.6870, 34.1270, -84.3770



163.4230, -122.5870, -74.6430



196.8670, -14.7220, 24.5260



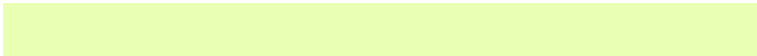
172.5120, 42.1230, 68.1310

Sweetspot

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



181.6870, 34.1270, -84.3770



239.7580, 11.2840, -28.3000



105.4410, 117.6920, 14.6520



118.5700, 6.4220, -17.2740



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.



181.6870, 34.1270, -84.3770



204.1030, 38.3470, -94.7810



147.9000, -33.2210, -108.3330



112.4360, 1.4680, -4.5800



143.0460, 26.4670, -66.6930



40.7010, 7.4310, -19.0410

Inverse Universe

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



45.3130, -34.1270, 84.3770



50.8970, -38.3470, 94.7810



79.1000, 33.2210, 108.3330



105.5640, -1.4680, 4.5800



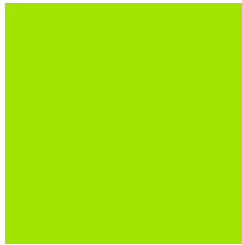
35.6550, -27.0630, 66.4810



10.2990, -7.4310, 19.0410

Previews

White Background



This preview shows how the YIQ color 181.6870, 34.1270, -84.3770 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 181.6870, 34.1270, -84.3770 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 181.6870, 34.1270, -84.3770

Background



This preview shows how black text looks on a background with the YIQ color 181.6870, 34.1270, -84.3770.



This preview shows how white text looks on a background with the YIQ color 181.6870, 34.1270, -84.3770.

-84.3770.

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

181.6870, 34.1270, -84.3770

Protanopia

191.1760, 81.9430, -58.8650

Deuteranopia

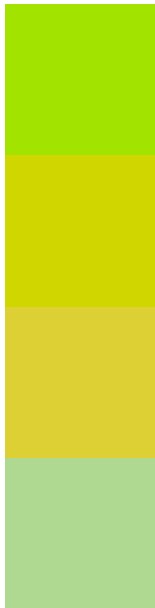
201.4600, 70.8410, -22.8470



Tritanopia

204.5660, -22.1450, -0.6490

Trichromacy



Original Color

181.6870, 34.1270, -84.3770

Protanomaly

187.5110, 64.5220, -68.0380

Deuteranomaly

194.2170, 57.5030, -45.4490

Tritanomaly

196.2340, -1.9200, -31.2960

Monochromacy



Original Color

181.6870, 34.1270, -84.3770

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.7750, 12.6140, -30.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.6870, 34.1270, -84.3770 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(162, 227, 0)` looks like.

```
.text, #text, p{  
    color:rgb(162, 227, 0)  
}
```

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(162, 227, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 227, 0) }
```

Border

The CSS property to change the border of an element to YIQ 181.6870, 34.1270, -84.3770 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(162, 227, 0) }
```


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

```
.border{ border-color:rgb(162, 227, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 227, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 227, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 227, 0);  
box-shadow:4px 4px 4px 4px rgb(162, 227,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 181.6870, 34.1270, -84.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 227, 0) }
```

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

```
.background{ background-color: rgb(162,  
227, 0) }
```

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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