

Converting Colors

YIQ(119.6820, 34.8050,
-30.5630)

Have a look what the booklet for
YIQ(119.6820, 34.8050, -30.5630)
contains.

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Color

**YIQ(119.6820, 34.8050,
-30.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	86821D
RGB	134, 130, 29
RGB Percent	53%, 51%, 11%
CMY	0.4746, 0.4902, 0.8860
CMYK	0.00, 0.03, 0.78, 0.47
HSL	58°, 64%, 32%
HSV	58°, 78%, 53%
XYZ	18.0342, 21.1209, 4.2922
YIQ	119.6820, 34.8050, -30.5630

Conversions

Conversions Part 2

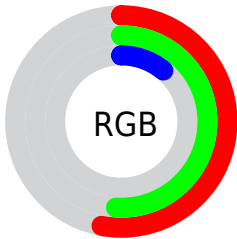
Format	Color
RYB	33, 134, 29
Decimal	8815133
CIELab	53.08, -10.45, 51.04
CIELCh	53, 52.098, 101.573
Yxy	21.1209, 0.4151, 0.4861
Android (android.graphics.Color)	4287005213 (0xFF86821D)
YUV	119.6820, -44.7062, 12.5569
Hunter-Lab	45.9575, -10.3806, 26.6328

Details

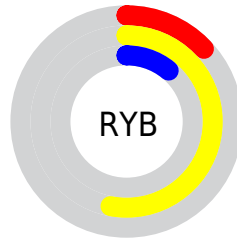
The YIQ color **119.6820, 34.8050, -30.5630** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **43.3180, -34.8050, 30.5630**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.5790, 36.5930, -29.9270**, and **71.7660, 26.0010, -25.1910** is the 20% darker color. If you saturate the color by 10%, you get **117.6130, 39.2530, -34.0830**, and if you desaturate by 10%, it is **121.7510, 30.3570, -27.0430**.

Distribution



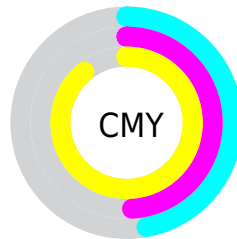
- Red (53%)
- Green (51%)
- Blue (11%)



- Red (13%)
- Yellow (53%)
- Blue (11%)



- Cyan (0%)
- Magenta (3%)
- Yellow (78%)
- Black (47%)



- Cyan (47%)
- Magenta (49%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.6820, 34.8050, -30.5630 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 119.6820, 34.8050, -30.5630 by changing the saturation by 10% instead.

■ 119.6820, 34.8050,
-30.5630

■ 119.6820, 34.8050,
-30.5630

■ 255.0000, -0.0000,
-0.0000

■ 93.6280, 34.8970,
-32.2310

■ 173.5790, 36.5930,
-29.9270

■ 71.7660, 26.0010,
-25.1910

■ 201.0630, 38.1060,
-29.8140

■ 50.4910, 16.8300,
-18.6740

■ 229.2480, 39.0230,
-29.9130

■ 30.6890, 7.7050,
-12.9910

■ 244.3980, 29.8530,
-28.9230

■ 9.9790, -4.6750,
-8.8910

■ 247.5900, 20.8650,
-20.2150

■ 0.0000, 0.0000,
0.0000

■ 250.7820, 11.8770,

-11.5070

254.0880, 2.5680,
-2.4880

119.6820, 34.8050,
-30.5630

119.6820, 34.8050,
-30.5630

117.6130, 39.2530,
-34.0830

121.7510, 30.3570,
-27.0430

116.0170, 43.7470,
-38.4370

123.3470, 25.8630,
-22.6890

115.7890, 44.3890,
-39.0590

125.4160, 21.4150,
-19.1690

127.0120, 16.9210,
-14.8150

129.0810, 12.4730,
-11.2950

■ 130.5630, 8.3000,
-7.2520

■ 132.7460, 3.5310,
-3.4210

■ 134.2280, -0.6420,
0.6220

■ 136.4110, -5.4110,
4.4530

Harmonies

Analogous

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



122.8630, 59.8810, -11.4390



119.6820, 34.8050, -30.5630



114.1530, -6.3660, -38.8300

Triad

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



119.6820, 34.8050, -30.5630



106.7920, -99.5350, -18.8230



128.6200, 40.7980, 42.5740

Complementary

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



119.6820, 34.8050, -30.5630



43.3180, -34.8050, 30.5630

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.



130.0740, -1.7030, 36.3850



119.6820, 34.8050, -30.5630



105.7610, -106.2770, -6.7650

Square

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



119.6820, 34.8050, -30.5630



103.1780, -86.6030, -32.9310



119.7010, -61.3490, 16.0190



124.7410, 64.9620, 34.1620

Rectangle

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



119.6820, 34.8050, -30.5630



103.1340, -48.9130, -44.1850



119.7010, -61.3490, 16.0190



129.8620, 28.3730, 41.9810

Sweetspot

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



119.6820, 34.8050, -30.5630



167.9670, 12.7940, -11.6060



60.9650, 60.9750, 23.8150



83.5630, 8.3000, -7.2520



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



119.6820, 34.8050, -30.5630



150.8960, 53.9730, -47.5550



107.9770, 5.6930, -42.6190



65.3160, 1.9260, -1.8660



112.2450, 43.1050, -37.8150



2.0710, 1.2380, -0.4100

Inverse Universe

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



43.3180, -34.8050, 30.5630



32.6910, -54.2480, 47.0320



55.0230, -5.6930, 42.6190



60.6840, -1.9260, 1.8660



17.7550, -43.1050, 37.8150



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 119.6820, 34.8050, -30.5630 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 119.6820, 34.8050, -30.5630 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 119.6820, 34.8050, -30.5630

Background



This preview shows how black text looks on a background with the YIQ color 119.6820, 34.8050, -30.5630.



This preview shows how white text looks on a background with the YIQ color 119.6820, 34.8050,

-30.5630.

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

119.6820, 34.8050, -30.5630

Protanopia

120.4980, 41.3150, -27.3970

Deuteranopia

121.8570, 50.8500, -18.4780



Tritanopia

128.4190, 9.3060, 7.5620

Trichromacy



Original Color

119.6820, 34.8050, -30.5630

Protanomaly

120.1880, 39.2520, -28.5560

Deuteranomaly

121.2860, 45.0280, -23.1000

Tritanomaly

125.0650, 18.5700, -6.1500

Monochromacy



Original Color

119.6820, 34.8050, -30.5630

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.0810, 12.4730, -11.2950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.6820, 34.8050, -30.5630 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(134, 130, 29)` looks like.

```
.text, #text, p{  
    color:rgb(134, 130, 29)  
}
```

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(134, 130, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 130, 29) }
```

Border

The CSS property to change the border of an element to YIQ 119.6820, 34.8050, -30.5630 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(134, 130, 29) }
```


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

```
.border{ border-color:rgb(134, 130, 29) }
```

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

Here you see how a box with a 4 pixel rgb(134, 130, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 130, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 130, 29);  
box-shadow:4px 4px 4px 4px rgb(134, 130,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 119.6820, 34.8050, -30.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 130, 29) }
```

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

```
.background{ background-color: rgb(134,  
130, 29) }
```

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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