

Converting Colors

YIQ(174.8340, 4.9580, -34.8020)

Have a look what the booklet for
YIQ(174.8340, 4.9580, -34.8020)
contains.

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Color

**YIQ(174.8340, 4.9580,
-34.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC46E
RGB	158, 196, 110
RGB Percent	62%, 77%, 43%
CMY	0.3805, 0.2313, 0.5685
CMYK	0.19, 0.00, 0.44, 0.23
HSL	87°, 42%, 60%
HSV	87°, 44%, 77%
XYZ	36.6525, 47.8786, 22.0678
YIQ	174.8340, 4.9580, -34.8020

Conversions

Conversions Part 2

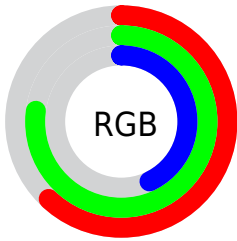
Format	Color
RYB	110, 196, 148
Decimal	10404974
CIELab	74.75, -27.22, 38.98
CIELCh	75, 47.546, 124.925
Yxy	47.8786, 0.3438, 0.4491
Android (android.graphics.Color)	4288595054 (0xFF9EC46E)
YUV	174.8340, -31.9632, -14.7634
Hunter-Lab	69.1944, -26.5381, 29.5270

Details

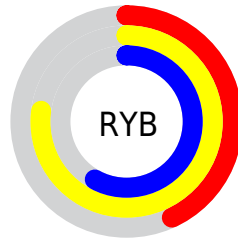
The YIQ color **174.8340, 4.9580, -34.8020** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **131.1660, -4.9580, 34.8020**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.0790, 5.6460, -36.2580**, and **121.5890, 4.2700, -33.3460** is the 20% darker color. If you saturate the color by 10%, you get **169.8630, 6.0140, -42.9300**, and if you desaturate by 10%, it is **179.8050, 3.9020, -26.6740**.

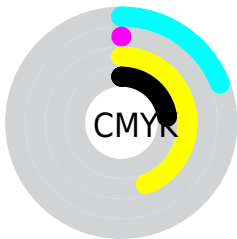
Distribution



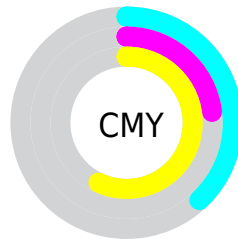
- Red (62%)
- Green (77%)
- Blue (43%)



- Red (43%)
- Yellow (77%)
- Blue (58%)



- Cyan (19%)
- Magenta (0%)
- Yellow (44%)
- Black (23%)



- Cyan (38%)
- Magenta (23%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8340, 4.9580, -34.8020 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 174.8340, 4.9580, -34.8020 by changing the saturation by 10% instead.

■ 174.8340, 4.9580,
-34.8020

■ 174.8340, 4.9580,
-34.8020

■ 255.0000, -0.0000,
-0.0000

■ 148.0620, 4.3160,
-34.1800

■ 231.0790, 5.6460,
-36.2580

■ 121.5890, 4.2700,
-33.3460

■ 244.0020, 13.7130,
-22.7590

■ 95.7030, 3.9490,
-33.0350

■ 250.8960, 11.5560,
-11.1960

■ 71.0620, 4.3160,
-34.1800

■ 254.0880, 2.5680,
-2.4880

■ 48.8860, -0.8200,
-29.2040

■ 26.7140, -11.7790,
-23.3230

■ 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 174.8340, 4.9580,
-34.8020

■ 174.8340, 4.9580,
-34.8020

■ 169.8630, 6.0140,
-42.9300

■ 179.8050, 3.9020,
-26.6740

■ 165.3050, 7.3450,
-50.5350

■ 184.3630, 2.5710,
-19.0690

■ 160.3340, 8.4010,
-58.6630


■ 189.3340, 1.5150,
-10.9410


■ 155.4770, 9.1360,
-66.4800


■ 194.1910, 0.7800,
-3.1240

■ 150.8050, 10.7880,
-74.3960


■ 198.8630, -0.8720,
4.7920

 147.6430, 11.0640,
-79.4000

 203.8340, -1.9280,
12.9200

 208.6910, -2.6630,
20.7370

 211.9950, -0.4630,
24.9210

 214.6860, 4.9010,
26.8290

Harmonies

Analogous

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



179.8340, 40.4890, -23.4390



174.8340, 4.9580, -34.8020



166.4770, -42.4490, -40.1850

Triad

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



174.8340, 4.9580, -34.8020



145.2960, -136.3050, -24.2490



183.4130, 54.1420, 32.0140

Complementary

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



174.8340, 4.9580, -34.8020



131.1660, -4.9580, 34.8020

Split Complementary

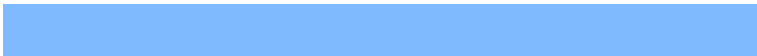
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



189.2490, 31.5370, 39.7050



174.8340, 4.9580, -34.8020



176.2250, -57.3130, 8.9510

Square

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



174.8340, 4.9580, -34.8020



146.8970, -131.1680, -34.7520



188.0620, -10.5970, 32.3710



182.1470, 65.9740, 15.8140

Rectangle

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



174.8340, 4.9580, -34.8020



154.3270, -86.0050, -43.7730



188.0620, -10.5970, 32.3710



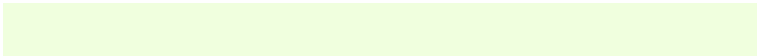
185.7100, 49.0520, 36.1560

Sweetspot

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



174.8340, 4.9580, -34.8020



246.7530, 1.6530, -13.4430



157.4330, 41.0810, -1.1190



122.6160, 0.7810, -8.6510



0.0000, 0.0000, 0.0000



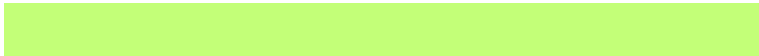
128.0000, -0.0000, -0.0000

Same Dimension

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



174.8340, 4.9580, -34.8020



221.6700, 7.5750, -54.7050



162.2760, -20.0740, -43.7060



94.6640, 0.8260, -3.9580



121.4170, 9.3650, -65.1230



24.7530, 1.6530, -13.4430

Inverse Universe

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



131.1660, -4.9580, 34.8020



153.3300, -7.5750, 54.7050



143.7240, 20.0740, 43.7060



89.3360, -0.8260, 3.9580



39.5830, -9.3650, 65.1230



8.2470, -1.6530, 13.4430

Previews

White Background



This preview shows how the YIQ color 174.8340, 4.9580, -34.8020 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 174.8340, 4.9580, -34.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

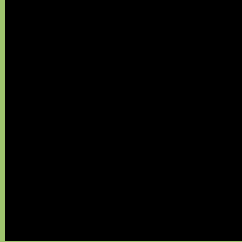
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.8340, 4.9580, -34.8020

Background



This preview shows how black text looks on a background with the YIQ color 174.8340, 4.9580, -34.8020.



This preview shows how white text looks on a background with the YIQ color 174.8340, 4.9580,

-34.8020.

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

174.8340, 4.9580, -34.8020

Protanopia

180.0770, 35.4910, -20.9650

Deuteranopia

182.2130, 47.2720, -8.6960



Tritanopia

183.1110, -13.4340, 1.1740

Trichromacy



Original Color

174.8340, 4.9580, -34.8020

Protanomaly

177.8690, 24.2130, -25.8270

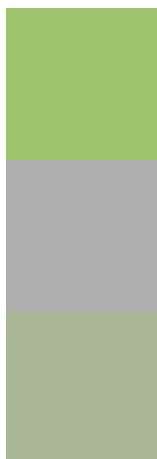
Deuteranomaly

179.8040, 32.0060, -18.3780

Tritanomaly

180.2020, -6.9210, -12.2410

Monochromacy



Original Color

174.8340, 4.9580, -34.8020

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.1660, 1.9280, -12.9200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8340, 4.9580, -34.8020 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(158, 196, 110)` looks like.

```
.text, #text, p{  
    color:rgb(158, 196, 110)  
}
```

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(158, 196, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 196, 110) }
```

Border

The CSS property to change the border of an element to YIQ 174.8340, 4.9580, -34.8020 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(158, 196, 110) }
```


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

```
.border{ border-color:rgb(158, 196, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 196, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 196, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 196, 110);  
box-shadow:4px 4px 4px 4px rgb(158, 196,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8340, 4.9580, -34.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 196, 110) }
```

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

```
.background{ background-color: rgb(158,  
196, 110) }
```

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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