

Converting Colors

YIQ(169.8540, 2.2060, -28.9780)

Have a look what the booklet for
YIQ(169.8540, 2.2060, -28.9780)
contains.

YIQ(169.8540, 2.2060, -28.9780)	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(169.8540, 2.2060,
-28.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	9ABC76
RGB	154, 188, 118
RGB Percent	60%, 74%, 46%
CMY	0.3962, 0.2627, 0.5372
CMYK	0.18, 0.00, 0.37, 0.26
HSL	89°, 34%, 60%
HSV	89°, 37%, 74%
XYZ	34.5776, 44.1478, 23.8435
YIQ	169.8540, 2.2060, -28.9780

Conversions

Conversions Part 2

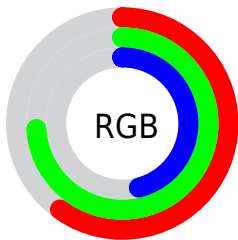
Format	Color
RYB	118, 188, 152
Decimal	10140790
CIELab	72.33, -23.79, 31.74
CIELCh	72, 39.662, 126.849
Yxy	44.1478, 0.3371, 0.4304
Android (android.graphics.Color)	4288330870 (0xFF9ABC76)
YUV	169.8540, -25.5640, -13.9040
Hunter-Lab	66.4438, -23.3846, 25.2343

Details

The YIQ color **169.8540, 2.2060, -28.9780** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **136.1460, -2.2060, 28.9780**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.2130, 2.5730, -30.1230**, and **117.4950, 1.8390, -27.8330** is the 20% darker color. If you saturate the color by 10%, you get **164.9970, 2.9410, -36.7950**, and if you desaturate by 10%, it is **174.7110, 1.4710, -21.1610**.

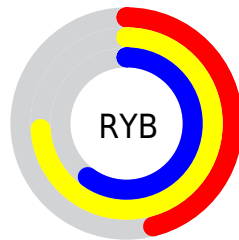
Distribution



Red (60%)

Green (74%)

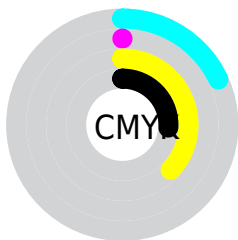
Blue (46%)



Red (46%)

Yellow (74%)

Blue (60%)

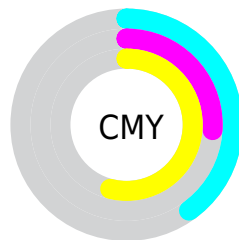


Cyan (18%)

Magenta (0%)

Yellow (37%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.8540, 2.2060, -28.9780 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 169.8540, 2.2060, -28.9780 by changing the saturation by 10% instead.

■ 169.8540, 2.2060,
-28.9780

■ 169.8540, 2.2060,
-28.9780

■ 255.0000, -0.0000,
-0.0000

■ 143.0820, 1.5640,
-28.3560

■ 225.2130, 2.5730,
-30.1230

■ 117.4950, 1.8390,
-27.8330

■ 243.4190, 8.1650,
-21.3310

■ 91.8370, 0.8760,
-26.9000

■ 251.8080, 8.9880,
-8.7080

■ 67.8370, 0.8760,
-26.9000

■ 44.1790, -0.0870,
-25.9670

■ 23.7900, -8.9370,
-19.7610

■ 8.8050, -4.1250,

-7.8450

■ 0.0000, 0.0000,
0.0000

■ 169.8540, 2.2060,
-28.9780

■ 169.8540, 2.2060,
-28.9780

■ 164.9970, 2.9410,
-36.7950

■ 174.7110, 1.4710,
-21.1610

■ 160.1400, 3.6760,
-44.6120

■ 179.5680, 0.7360,
-13.3440

■ 155.3970, 4.0900,
-52.1180

■ 184.3110, 0.3220,
-5.8380

■ 150.2410, 4.2290,
-60.1470

■ 189.4670, 0.1830,
2.1910

■ 145.3840, 4.9640,
-67.9640

■ 194.3240, -0.5520,
10.0080

■ 140.5270, 5.6990,
-75.7810

■ 199.1810, -1.2870,
17.8250

■ 139.3590, 6.1120,
-77.7600

■ 204.0380, -2.0220,
25.6420

■ 207.2990, 1.7370,
29.1050

■ 209.9900, 7.1010,
31.0130

Harmonies

Analogous

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



174.0490, 32.6940, -19.8340



169.8540, 2.2060, -28.9780



163.3410, -35.8940, -32.3260

Triad

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



169.8540, 2.2060, -28.9780



160.1730, -87.0660, -8.0100



180.6960, 51.6670, 27.3070

Complementary

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



169.8540, 2.2060, -28.9780



136.1460, -2.2060, 28.9780

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.



182.1790, 28.5580, 33.1180



169.8540, 2.2060, -28.9780



174.1340, -46.6310, 13.6010

Square

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



169.8540, 2.2060, -28.9780



139.5450, -124.2450, -33.5650



181.0530, -6.3780, 27.4940



178.8580, 59.4180, 13.4820

Rectangle

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



169.8540, 2.2060, -28.9780



157.0850, -64.4120, -33.1160



181.0530, -6.3780, 27.4940



181.2810, 45.7060, 30.7140

Sweetspot

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



169.8540, 2.2060, -28.9780



238.0350, 0.9190, -11.1530



158.8880, 32.3700, -2.9420



118.0830, 0.9640, -6.4600



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



169.8540, 2.2060, -28.9780



216.3140, 3.1260, -45.6580



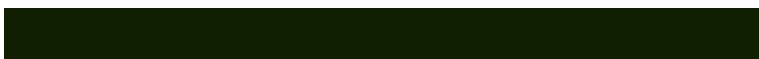
159.3890, -18.6540, -36.3980



91.7780, 0.5050, -3.6470



116.9650, 4.8260, -65.4620



22.9810, 1.0110, -12.8210

Inverse Universe

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



136.1460, -2.2060, 28.9780



163.3870, -3.7220, 45.4460



146.6110, 18.6540, 36.3980



87.5210, 0.0910, 3.8590



41.0350, -4.8260, 65.4620



8.0190, -1.0110, 12.8210

Previews

White Background



This preview shows how the YIQ color 169.8540, 2.2060, -28.9780 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 169.8540, 2.2060, -28.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

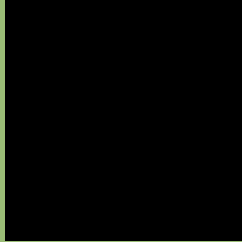
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.8540, 2.2060, -28.9780

Background



This preview shows how black text looks on a background with the YIQ color 169.8540, 2.2060, -28.9780.



This preview shows how white text looks on a background with the YIQ color 169.8540, 2.2060, -28.9780.

-28.9780.

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

169.8540, 2.2060, -28.9780

Protanopia

174.3030, 29.1630, -16.4130

Deuteranopia

176.2000, 40.1190, -5.7130



Tritanopia

176.4100, -12.8380, 1.3860

Trichromacy



Original Color

169.8540, 2.2060, -28.9780

Protanomaly

172.5790, 19.3980, -21.1620

Deuteranomaly

173.9160, 25.9990, -14.1370

Tritanomaly

173.8970, -7.3800, -9.4280

Monochromacy



Original Color

169.8540, 2.2060, -28.9780

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.1490, 0.5980, -10.8420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.8540, 2.2060, -28.9780 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(154, 188, 118)` looks like.

```
.text, #text, p{  
    color:rgb(154, 188, 118)  
}
```

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(154, 188, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 188, 118) }
```

Border

The CSS property to change the border of an element to YIQ 169.8540, 2.2060, -28.9780 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(154, 188, 118) }
```


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

```
.border{ border-color:rgb(154, 188, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 188, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 188, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 188, 118);  
box-shadow:4px 4px 4px 4px rgb(154, 188,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 169.8540, 2.2060, -28.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 188, 118) }
```

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

```
.background{ background-color: rgb(154,  
188, 118) }
```

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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