

Converting Colors

YIQ(148.9700, -1.5970,
-42.6610)

Have a look what the booklet for
YIQ(148.9700, -1.5970, -42.6610)
contains.

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Color

**YIQ(148.9700, -1.5970,
-42.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	79B14E
RGB	121, 177, 78
RGB Percent	47%, 69%, 31%
CMY	0.5257, 0.3058, 0.6940
CMYK	0.32, 0.00, 0.56, 0.31
HSL	94°, 39%, 50%
HSV	94°, 56%, 69%
XYZ	24.9807, 36.0652, 12.8557
YIQ	148.9700, -1.5970, -42.6610

Conversions

Conversions Part 2

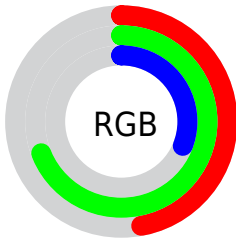
Format	Color
RYB	78, 177, 134
Decimal	7975246
CIELab	66.57, -35.63, 44.24
CIElCh	67, 56.806, 128.842
Yxy	36.0652, 0.3380, 0.4880
Android (android.graphics.Color)	4286165326 (0xFF79B14E)
YUV	148.9700, -34.9882, -24.5297
Hunter-Lab	60.0543, -30.8445, 29.3458

Details

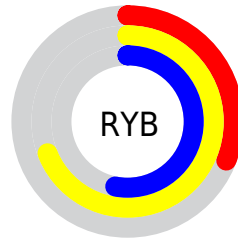
The YIQ color **148.9700, -1.5970, -42.6610** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **106.0300, 1.5970, 42.6610**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **204.2150, -0.9090, -44.1170**, and **96.0840, -1.9180, -42.3500** is the 20% darker color. If you saturate the color by 10%, you get **143.9280, -1.7790, -50.3790**, and if you desaturate by 10%, it is **154.0120, -1.4150, -34.9430**.

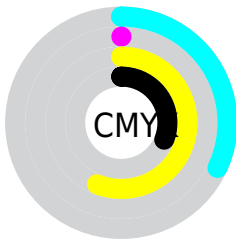
Distribution



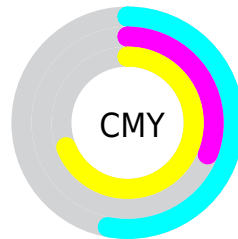
- Red (47%)
- Green (69%)
- Blue (31%)



- Red (31%)
- Yellow (69%)
- Blue (53%)



- Cyan (32%)
- Magenta (0%)
- Yellow (56%)
- Black (31%)



- Cyan (53%)
- Magenta (31%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.9700, -1.5970, -42.6610 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 148.9700, -1.5970, -42.6610 by changing the saturation by 10% instead.


 148.9700, -1.5970,
-42.6610

 148.9700, -1.5970,
-42.6610


255.0000, -0.0000,
-0.0000

 122.1980, -2.2390,
-42.0390


 204.2150, -0.9090,
-44.1170


 96.0840, -1.9180,
-42.3500


 228.5790, 1.0620,
-41.2900

 70.3720, -2.7890,
-43.0850


 240.3280, 9.6790,
-26.7450

 46.4280, -14.3900,
-36.5820

 250.0980, 13.8030,
-13.3730

 29.9370, -14.0250,
-26.6730

 253.4040, 4.4940,
-4.3540

 18.1970, -8.5250,
-16.2130

 0.0000, 0.0000,

0.0000

■ 148.9700, -1.5970,
-42.6610

■ 148.9700, -1.5970,
-42.6610

■ 143.9280, -1.7790,
-50.3790

■ 154.0120, -1.4150,
-34.9430

■ 139.0000, -2.2820,
-57.7860

■ 158.9400, -0.9120,
-27.5360

■ 133.9580, -2.4640,
-65.5040

■ 163.9820, -0.7300,
-19.8180

■ 128.9160, -2.6460,
-73.2220

■ 169.0240, -0.5480,
-12.1000

■ 126.9220, -2.7830,
-76.2470

■ 174.0660, -0.3660,
-4.3820

■ 178.9940, 0.1370,
3.0250

■ 184.0360, 0.3190,
10.7430

■ 189.0780, 0.5010,
18.4610

■ 194.0060, 1.0040,
25.8680

Harmonies

Analogous

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



155.0480, 42.4620, -31.6660



148.9700, -1.5970, -42.6610



128.6080, -76.9710, -53.3150

Triad

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



148.9700, -1.5970, -42.6610



132.9690, -130.5300, -13.2660



161.3230, 72.2510, 39.7310

Complementary

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



148.9700, -1.5970, -42.6610



106.0300, 1.5970, 42.6610

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.



165.5650, 42.6310, 47.9030



148.9700, -1.5970, -42.6610



151.9710, -70.9770, 14.2950

Square

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



148.9700, -1.5970, -42.6610



134.2450, -123.1000, -26.7800



166.2570, -6.4720, 40.2160



160.1010, 80.7830, 17.2550

Rectangle

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



148.9700, -1.5970, -42.6610



127.7810, -102.1430, -48.6630



166.2570, -6.4720, 40.2160



162.3640, 65.0060, 44.3820

Sweetspot

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



148.9700, -1.5970, -42.6610



218.5630, -0.8680, -17.3160



139.2990, 44.1540, -7.2540



108.4910, -0.3650, -9.9090



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



148.9700, -1.5970, -42.6610



186.1320, -3.0140, -66.5500



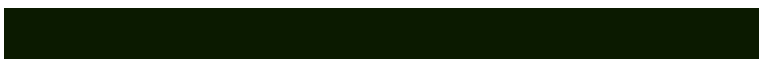
136.6830, -28.8300, -50.2220



86.4790, -0.0910, -3.8590



109.5450, -2.7390, -66.0270



18.5510, -0.5940, -11.2660

Inverse Universe

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



106.0300, 1.5970, 42.6610



119.5690, 2.4180, 66.3380



118.3170, 28.8300, 50.2220



82.5210, 0.0910, 3.8590



43.4550, 2.7390, 66.0270



7.1500, -0.0020, 11.0540

Previews

White Background



This preview shows how the YIQ color 148.9700, -1.5970, -42.6610 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 148.9700, -1.5970, -42.6610 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 148.9700, -1.5970, -42.6610

Background



This preview shows how black text looks on a background with the YIQ color 148.9700, -1.5970, -42.6610.



This preview shows how white text looks on a background with the YIQ color 148.9700, -1.5970,

-42.6610.

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

148.9700, -1.5970, -42.6610

Protanopia

156.3500, 38.9760, -23.5520

Deuteranopia

159.1760, 48.6940, -12.4420



Tritanopia

158.6260, -22.3740, -2.0060

Trichromacy



Original Color

148.9700, -1.5970, -42.6610

Protanomaly

153.8210, 24.1680, -30.5200

Deuteranomaly

155.2720, 30.4480, -23.1840

Tritanomaly

155.2610, -14.5770, -16.6650

Monochromacy



Original Color

148.9700, -1.5970, -42.6610

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.9160, -0.3640, -15.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.9700, -1.5970, -42.6610 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(121, 177, 78)` looks like.

```
.text, #text, p{  
    color:rgb(121, 177, 78)  
}
```

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(121, 177, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 177, 78) }
```

Border

The CSS property to change the border of an element to YIQ 148.9700, -1.5970, -42.6610 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(121, 177, 78) }
```


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

```
.border{ border-color:rgb(121, 177, 78) }
```

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

Here you see how a box with a 4 pixel rgb(121, 177, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 177, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 177, 78);  
box-shadow:4px 4px 4px 4px rgb(121, 177,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 148.9700, -1.5970, -42.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 177, 78) }
```

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

```
.background{ background-color: rgb(121,  
177, 78) }
```

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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