

Converting Colors

YIQ(148.7070, 14.1800,
-69.7880)

Have a look what the booklet for
YIQ(148.7070, 14.1800, -69.7880)
contains.

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Color

**YIQ(148.7070, 14.1800,
-69.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	77BE0E
RGB	119, 190, 14
RGB Percent	47%, 75%, 5%
CMY	0.5336, 0.2548, 0.9448
CMYK	0.37, 0.00, 0.93, 0.25
HSL	84°, 86%, 40%
HSV	84°, 93%, 75%
XYZ	26.0974, 40.7884, 6.9147
YIQ	148.7070, 14.1800, -69.7880

Conversions

Conversions Part 2

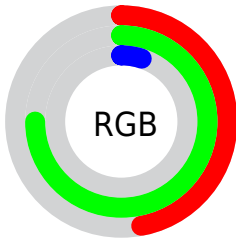
Format	Color
RYB	14, 190, 85
Decimal	7847438
CIELab	70.03, -45.83, 68.53
CIELCh	70, 82.441, 123.772
Yxy	40.7884, 0.3536, 0.5527
Android (android.graphics.Color)	4286037518 (0xFF77BE0E)
YUV	148.7070, -66.4106, -26.0530
Hunter-Lab	63.8658, -38.8248, 38.2868

Details

The YIQ color **148.7070, 14.1800, -69.7880** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **55.2930, -14.1800, 69.7880**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.4880, 10.6030, -65.5330**, and **97.7720, -1.6400, -58.4080** is the 20% darker color. If you saturate the color by 10%, you get **145.3170, 15.0980, -75.4140**, and if you desaturate by 10%, it is **153.2650, 12.8490, -62.1830**.

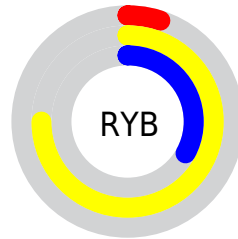
Distribution



Red (47%)

Green (75%)

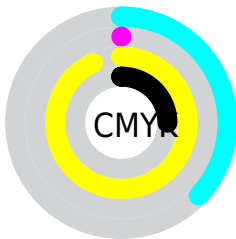
Blue (5%)



Red (5%)

Yellow (75%)

Blue (33%)

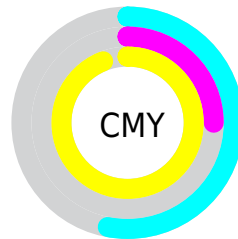


Cyan (37%)

Magenta (0%)

Yellow (93%)

Black (25%)



Cyan (53%)

Magenta (25%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.7070, 14.1800, -69.7880 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 148.7070, 14.1800, -69.7880 by changing the saturation by 10% instead.

■ 148.7070, 14.1800,
-69.7880

■ 148.7070, 14.1800,
-69.7880

■ 255.0000, -0.0000,
-0.0000

■ 122.5910, 8.8150,
-66.1690

■ 207.4880, 10.6030,
-65.5330

■ 97.7720, -1.6400,
-58.4080

■ 224.0470, 16.6990,
-54.8610

■ 72.6430, -14.1580,
-51.8060

■ 236.2090, 25.5910,
-39.7930

■ 49.8950, -23.3750,
-44.4550

■ 245.1960, 27.6060,
-26.7460

■ 35.8070, -16.7750,
-31.9030

■ 248.5020, 18.2970,
-17.7270

■ 23.4800, -11.0000,
-20.9200

■ 251.8080, 8.9880,

■ 0.0000, 0.0000,

-8.7080

0.0000

■ 148.7070, 14.1800,
-69.7880

■ 148.7070, 14.1800,
-69.7880

■ 145.3170, 15.0980,
-75.4140

■ 153.2650, 12.8490,
-62.1830

■ 157.5240, 10.9220,
-54.7900

■ 162.0820, 9.5910,
-47.1850

■ 166.6400, 8.2600,
-39.5800

■ 170.8990, 6.3330,
-32.1870

■ 175.4570, 5.0020,
-24.5820

■ 180.0150, 3.6710,
-16.9770

■ 184.2740, 1.7440,
-9.5840

■ 188.8320, 0.4130,
-1.9790

Harmonies

Analogous

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



159.2800, 70.3870, -47.6690



148.7070, 14.1800, -69.7880



128.9140, -87.4210, -73.1890

Triad

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



148.7070, 14.1800, -69.7880



144.1220, -135.7550, -23.2030



146.1240, 75.0900, 59.8740

Complementary

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



148.7070, 14.1800, -69.7880



55.2930, -14.1800, 69.7880

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.



167.4740, 45.2860, 71.3820



148.7070, 14.1800, -69.7880



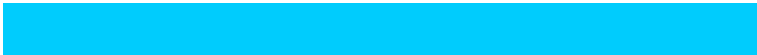
132.9690, -130.5300, -13.2660

Square

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



148.7070, 14.1800, -69.7880



148.5900, -137.3130, -28.0090



169.4780, -14.4040, 40.7960



149.5420, 93.0230, 26.7110

Rectangle

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



148.7070, 14.1800, -69.7880



137.1900, -105.2130, -59.1090



169.4780, -14.4040, 40.7960



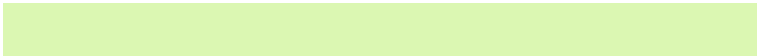
150.7350, 66.2400, 66.0800

Sweetspot

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



148.7070, 14.1800, -69.7880



230.7620, 5.4610, -27.3950



107.7140, 85.6460, 0.7020



115.0150, 3.6710, -16.9770



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



148.7070, 14.1800, -69.7880



188.9420, 19.6870, -98.0170



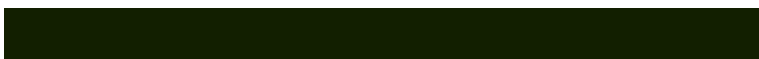
122.6940, -37.6720, -88.2320



92.0770, 1.1010, -3.4350



120.8520, 12.5740, -62.7060



23.5790, 2.2030, -12.3970

Inverse Universe

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



55.2930, -14.1800, 69.7880



58.0580, -19.6870, 98.0170



81.3060, 37.6720, 88.2320



87.2220, -0.5050, 3.6470



37.1480, -12.5740, 62.7060



7.1220, -2.7990, 12.1850

Previews

White Background



This preview shows how the YIQ color 148.7070, 14.1800, -69.7880 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 148.7070, 14.1800, -69.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

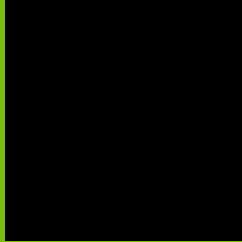
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 148.7070, 14.1800, -69.7880

Background



This preview shows how black text looks on a background with the YIQ color 148.7070, 14.1800, -69.7880.



This preview shows how white text looks on a background with the YIQ color 148.7070, 14.1800, -69.7880.

-69.7880.

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

148.7070, 14.1800, -69.7880

Protanopia

157.7850, 67.4070, -48.7290

Deuteranopia

163.5260, 70.4750, -27.2290



Tritanopia

167.2340, -27.1420, -3.7020

Trichromacy



Original Color

148.7070, 14.1800, -69.7880

Protanomaly

154.3910, 47.7850, -56.5590

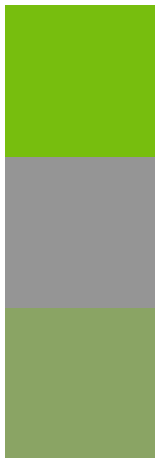
Deuteranomaly

157.9050, 49.7540, -42.6780

Tritanomaly

160.7800, -12.1450, -27.7050

Monochromacy



Original Color

148.7070, 14.1800, -69.7880

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.9300, 5.0480, -25.4160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.7070, 14.1800, -69.7880 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(119, 190, 14)` looks like.

```
.text, #text, p{  
    color:rgb(119, 190, 14)  
}
```

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(119, 190, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 190, 14) }
```

Border

The CSS property to change the border of an element to YIQ 148.7070, 14.1800, -69.7880 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(119, 190, 14) }
```


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

```
.border{ border-color:rgb(119, 190, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 190, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 190, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 190, 14);  
box-shadow:4px 4px 4px 4px rgb(119, 190,  
14) }
```

Background

The CSS property to change the background color of an element to YIQ 148.7070, 14.1800, -69.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 190, 14) }
```

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

```
.background{ background-color: rgb(119,  
190, 14) }
```

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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