

Converting Colors

YIQ(149.4770, -6.9180,
-28.8220)

Have a look what the booklet for
YIQ(149.4770, -6.9180, -28.8220)
contains.

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Color

**YIQ(149.4770, -6.9180,
-28.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAA6C
RGB	125, 170, 108
RGB Percent	49%, 67%, 42%
CMY	0.5099, 0.3332, 0.5764
CMYK	0.27, 0.00, 0.36, 0.33
HSL	104°, 27%, 55%
HSV	104°, 36%, 67%
XYZ	25.5373, 34.1965, 19.4434
YIQ	149.4770, -6.9180, -28.8220

Conversions

Conversions Part 2

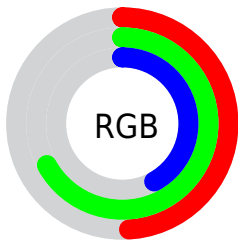
Format	Color
RYB	108, 170, 153
Decimal	8235628
CIELab	65.12, -27.01, 27.23
CIElCh	65, 38.356, 134.763
Yxy	34.1965, 0.3225, 0.4319
Android (android.graphics.Color)	4286425708 (0xFF7DAA6C)
YUV	149.4770, -20.4482, -21.4663
Hunter-Lab	58.4778, -24.3849, 21.2209

Details

The YIQ color $149.4770, -6.9180, -28.8220$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $128.5230, 6.9180, 28.8220$, and the grayscale version is $150.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $204.4230, -6.8260, -30.4900$, and $98.1180, -7.2850, -27.6770$ is the 20% darker color. If you saturate the color by 10%, you get $143.9510, -8.6130, -36.6530$, and if you desaturate by 10%, it is $155.0030, -5.2230, -20.9910$.

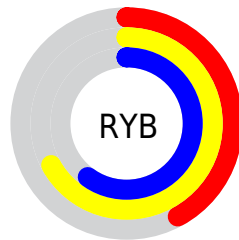
Distribution



Red (49%)

Green (67%)

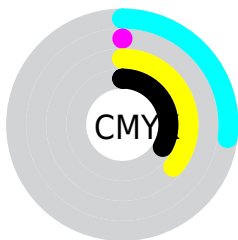
Blue (42%)



Red (42%)

Yellow (67%)

Blue (60%)

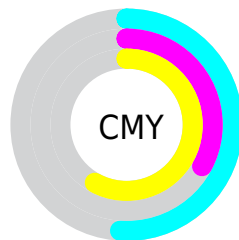


Cyan (27%)

Magenta (0%)

Yellow (36%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.4770, -6.9180, -28.8220 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 149.4770, -6.9180, -28.8220 by changing the saturation by 10% instead.


 149.4770, -6.9180,
-28.8220

 149.4770, -6.9180,
-28.8220

255.0000, -0.0000,
-0.0000


 123.0040, -6.9640,
-27.9880


 204.4230, -6.8260,
-30.4900

 98.1180, -7.2850,
-27.6770


 232.3090, -6.5050,
-30.8010


 73.4600, -8.2480,
-26.7440

 244.4600, 0.9200,
-16.6800

 49.5740, -8.5690,
-26.4330

 253.7460, 3.5310,
-3.4210

 27.6000, -11.4580,
-23.6340

 15.2620, -7.1500,
-13.5980

 0.0000, 0.0000,

0.0000

■ 149.4770, -6.9180,
-28.8220

■ 149.4770, -6.9180,
-28.8220

■ 143.9510, -8.6130,
-36.6530

■ 155.0030, -5.2230,
-20.9910

■ 138.1260,
-10.9040, -44.6960

■ 160.8280, -2.9320,
-12.9480

■ 132.6000,
-12.5990, -52.5270

■ 166.3540, -1.2370,
-5.1170

■ 127.0740,
-14.2940, -60.3580

■ 171.8800, 0.4580,
2.7140

■ 121.2490,
-16.5850, -68.4010

■ 177.7050, 2.7490,
10.7570

■ 115.7230,
-18.2800, -76.2320

■ 183.2310, 4.4440,
18.5880

■ 113.5440,
-19.3340, -79.1580

■ 188.7570, 6.1390,
26.4190

■ 194.5820, 8.4300,
34.4620

■ 199.4240, 12.0510,
40.4270

Harmonies

Analogous

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



153.5040, 23.9830, -21.6570



149.4770, -6.9180, -28.8220



142.1920, -45.6600, -31.5480

Triad

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



149.4770, -6.9180, -28.8220



144.7940, -75.5130, -2.6250



160.3600, 52.4930, 23.3490

Complementary

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



149.4770, -6.9180, -28.8220



128.5230, 6.9180, 28.8220

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.



162.2350, 34.1520, 30.8560



149.4770, -6.9180, -28.8220



157.4730, -34.3440, 16.6960

Square

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



149.4770, -6.9180, -28.8220



125.5080, -113.6550, -27.2470



162.2560, 3.2960, 28.3840



158.5430, 55.7510, 8.3510

Rectangle

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



149.4770, -6.9180, -28.8220



133.5550, -77.4790, -33.0870



162.2560, 3.2960, 28.3840



161.1300, 47.4490, 26.6570

Sweetspot

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



149.4770, -6.9180, -28.8220



213.7680, -2.7030, -11.5910



152.3660, 24.8520, -9.8680



107.4140, -1.4660, -6.4740



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



149.4770, -6.9180, -28.8220



189.5990, -10.8580, -45.5300



145.8760, -21.2230, -28.3830



81.2940, -1.0080, -3.7600



98.8360, -16.8600, -68.9240



13.5340, -1.9240, -9.1880

Inverse Universe

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



128.5230, 6.9180, 28.8220



156.4010, 10.8580, 45.5300



132.1240, 21.2230, 28.3830



78.7060, 1.0080, 3.7600



48.8650, 16.2640, 68.7120



6.7650, 2.5200, 9.4000

Previews

White Background



This preview shows how the YIQ color 149.4770, -6.9180, -28.8220 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 149.4770, -6.9180, -28.8220 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 149.4770, -6.9180, -28.8220

Background



This preview shows how black text looks on a background with the YIQ color 149.4770, -6.9180, -28.8220.



This preview shows how white text looks on a background with the YIQ color 149.4770, -6.9180,

-28.8220.

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

149.4770, -6.9180, -28.8220

Protanopia

155.0300, 25.6780, -13.8260

Deuteranopia

157.3180, 33.9750, -4.4970



Tritanopia

155.7080, -19.6690, -1.4690

Trichromacy



Original Color

149.4770, -6.9180, -28.8220

Protanomaly

153.1100, 13.5290, -19.4230

Deuteranomaly

154.4360, 18.6630, -13.3450

Tritanomaly

153.5370, -15.1740, -11.3500

Monochromacy



Original Color

149.4770, -6.9180, -28.8220

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2950, -2.7490, -10.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4770, -6.9180, -28.8220 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(125, 170, 108)` looks like.

```
.text, #text, p{  
    color:rgb(125, 170, 108)  
}
```

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(125, 170, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 170, 108) }
```

Border

The CSS property to change the border of an element to YIQ 149.4770, -6.9180, -28.8220 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(125, 170, 108) }
```


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

```
.border{ border-color:rgb(125, 170, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 170, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 170, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 170, 108);  
box-shadow:4px 4px 4px 4px rgb(125, 170,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4770, -6.9180, -28.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 170, 108) }
```

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

```
.background{ background-color: rgb(125,  
170, 108) }
```

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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