

Converting Colors

YIQ(147.3490, -0.5590, 48.6970)

Have a look what the booklet for
YIQ(147.3490, -0.5590, 48.6970)
contains.

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Color

**YIQ(147.3490, -0.5590,
48.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	B174E7
RGB	177, 116, 231
RGB Percent	69%, 45%, 91%
CMY	0.3057, 0.5452, 0.0942
CMYK	0.23, 0.50, 0.00, 0.09
HSL	272°, 71%, 68%
HSV	272°, 50%, 91%
XYZ	38.8070, 27.6068, 78.8673
YIQ	147.3490, -0.5590, 48.6970

Conversions

Conversions Part 2

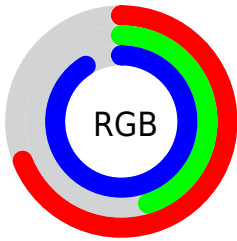
Format	Color
R_{YB}	177, 116, 231
Decimal	11629799
CIE _{Lab}	59.53, 45.36, -49.39
CIE _{LCh}	60, 67.060, 312.568
Yxy	27.6068, 0.2671, 0.1900
Android (android.graphics.Color)	4289819879 (0xFFB174E7)
YUV	147.3490, 41.2399, 26.0039
Hunter-Lab	52.5421, 39.8894, -52.2166

Details

The YIQ color $147.3490, -0.5590, 48.6970$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $199.6510, 0.5590, -48.6970$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $199.1250, 11.4550, 40.2150$, and $94.2840, -1.9340, 46.0820$ is the 20% darker color. If you saturate the color by 10%, you get $130.5590, -0.7900, 58.3940$, and if you desaturate by 10%, it is $164.1390, -0.3280, 39.0000$.

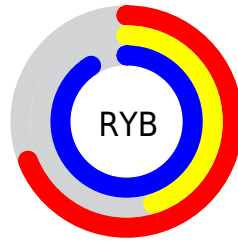
Distribution



Red (69%)

Green (45%)

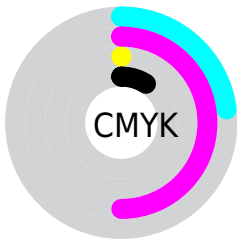
Blue (91%)



Red (69%)

Yellow (45%)

Blue (91%)

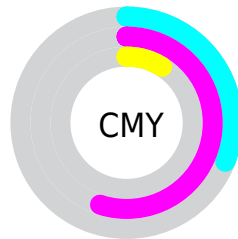


Cyan (23%)

Magenta (50%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (55%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.3490, -0.5590, 48.6970 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 147.3490, -0.5590, 48.6970 by changing the saturation by 10% instead.

■ 147.3490, -0.5590,
48.6970

■ 147.3490, -0.5590,
48.6970

■ 255.0000, -0.0000,
-0.0000

■ 120.5230, -1.1090,
47.6510

■ 199.1250, 11.4550,
40.2150

■ 94.2840, -1.9340,
46.0820

■ 220.9540, 15.9500,
30.3340

■ 68.4580, -2.4840,
45.0360

■ 237.9770, 7.9750,
15.1670

■ 41.4580, -2.4840,
45.0360

■ 22.9040, -6.9760,
38.3360

■ 12.6930, -14.1720,
25.5720

■ 7.8200, -16.5080,

12.8360

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 147.3490, -0.5590,
48.6970

■ 147.3490, -0.5590,
48.6970

■ 130.5590, -0.7900,
58.3940

■ 164.1390, -0.3280,
39.0000

■ 113.7690, -1.0210,
68.0910

■ 180.9290, -0.0970,
29.3030

■ 97.2780, -0.6560,
78.0000

■ 197.7190, 0.1340,
19.6060

■ 80.4880, -0.8870,
87.6970

■ 214.2100, -0.2310,
9.6970

63.1110, -0.8430,
97.9170

231.0000, -0.0000,
-0.0000

248.3770, -0.0440,
-10.2200

251.6660, 6.5120,
-7.8880

252.2640, 7.7040,
-7.4640

Harmonies

Analogous

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



128.5700, -88.7210, 16.4870



147.3490, -0.5590, 48.6970



142.4190, 55.1460, 57.8820

Triad

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



147.3490, -0.5590, 48.6970



135.7770, 80.1940, -21.6460



119.4150, -100.6320, -37.4960

Complementary

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



147.3490, -0.5590, 48.6970



199.6510, 0.5590, -48.6970

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.



110.7000, -80.2260, -54.8980



147.3490, -0.5590, 48.6970



131.1280, 47.5080, -46.0280

Square

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



147.3490, -0.5590, 48.6970



137.6630, 90.8240, 17.0000



124.1980, -11.4070, -52.1030



123.9240, -117.4620, -18.8220

Rectangle

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



147.3490, -0.5590, 48.6970



138.0610, 79.4010, 53.3290



124.1980, -11.4070, -52.1030



116.5480, -93.9370, -43.1930

Sweetspot

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



147.3490, -0.5590, 48.6970



227.3120, -0.2780, 16.0580



161.9820, -52.3150, 6.4770



111.2100, -0.2310, 9.6970



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.



147.3490, -0.5590, 48.6970



143.6610, -0.8370, 64.7550



163.2670, 32.2670, 59.5230



106.1620, -0.2760, 5.0040



48.8110, -0.8390, 75.8090



13.8870, -0.2790, 21.5850

Inverse Universe

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



156.5410, 51.2060, 41.1740



155.9550, 68.0760, 54.8280



183.7330, -32.2670, -59.5230



107.2720, 5.2260, 4.4100



63.0970, 79.7200, 64.0720



17.9850, 22.6920, 18.2760

Previews

White Background



This preview shows how the YIQ color 147.3490, -0.5590, 48.6970 looks on a white background.

Color Contrast Check

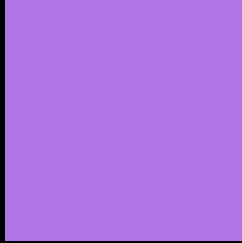
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.3490, -0.5590, 48.6970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

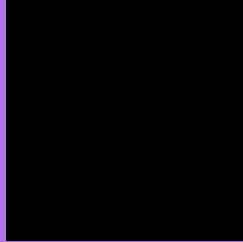
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.3490, -0.5590, 48.6970

Background



This preview shows how black text looks on a background with the YIQ color 147.3490, -0.5590, 48.6970.



This preview shows how white text looks on a background with the YIQ color 147.3490, -0.5590,

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

147.3490, -0.5590, 48.6970

Protanopia

138.2310, -65.4770, 24.7550

Deuteranopia

139.7790, -52.8210, 15.6510



Tritanopia

145.3270, 12.5610, 9.1450

Trichromacy



Original Color

147.3490, -0.5590, 48.6970

Protanomaly

141.3050, -41.9580, 33.5460

Deuteranomaly

142.5090, -34.0250, 27.4390

Tritanomaly

146.2470, 7.5150, 23.5070

Monochromacy



Original Color

147.3490, -0.5590, 48.6970

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.3660, -0.3700, 17.7260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.3490, -0.5590, 48.6970 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(177, 116, 231)` looks like.

```
.text, #text, p{  
    color:rgb(177, 116, 231)  
}
```

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(177, 116, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 116, 231) }
```

Border

The CSS property to change the border of an element to YIQ 147.3490, -0.5590, 48.6970 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(177, 116, 231) }
```


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

```
.border{ border-color:rgb(177, 116, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 116, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 116, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 116, 231);  
box-shadow:4px 4px 4px 4px rgb(177, 116,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 147.3490, -0.5590, 48.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 116, 231) }
```

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

```
.background{ background-color: rgb(177,  
116, 231) }
```

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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