

Converting Colors

YIQ(184.3810, -42.5390,
-49.5710)

Have a look what the booklet for
YIQ(184.3810, -42.5390, -49.5710)
contains.

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Color

**YIQ(184.3810, -42.5390,
-49.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	71E493
RGB	113, 228, 147
RGB Percent	44%, 89%, 58%
CMY	0.5572, 0.1057, 0.4236
CMYK	0.50, 0.00, 0.36, 0.11
HSL	138°, 68%, 67%
HSV	138°, 50%, 89%
XYZ	39.8204, 61.1243, 37.2920
YIQ	184.3810, -42.5390, -49.5710

Conversions

Conversions Part 2

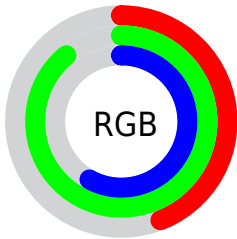
Format	Color
RYB	113, 202, 228
Decimal	7464083
CIELab	82.45, -50.20, 29.80
CIElCh	82, 58.381, 149.304
Yxy	61.1243, 0.2881, 0.4422
Android (android.graphics.Color)	4285654163 (0xFF71E493)
YUV	184.3810, -18.4288, -62.6011
Hunter-Lab	78.1820, -45.9032, 26.4467

Details

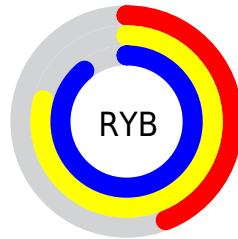
The YIQ color **184.3810, -42.5390, -49.5710** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **156.6190, 42.5390, 49.5710**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.8420, -33.0510, -34.2910**, and **127.1570, -47.7200, -49.2880** is the 20% darker color. If you saturate the color by 10%, you get **175.6800, -51.1110, -59.4230**, and if you desaturate by 10%, it is **193.0820, -33.9670, -39.7190**.

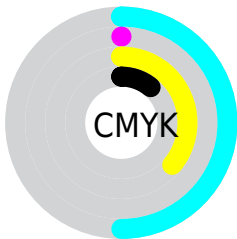
Distribution



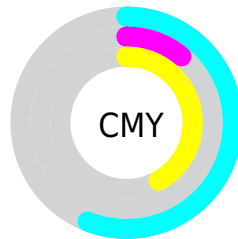
- Red (44%)
- Green (89%)
- Blue (58%)



- Red (44%)
- Yellow (79%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (36%)
- Black (11%)



- Cyan (56%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.3810, -42.5390, -49.5710 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 184.3810, -42.5390, -49.5710 by changing the saturation by 10% instead.

■ 184.3810,
-42.5390, -49.5710

■ 184.3810,
-42.5390, -49.5710

■ 255.0000, -0.0000,
-0.0000

■ 156.0110,
-44.3730, -49.3730

■ 223.8420,
-33.0510, -34.2910

■ 127.1570,
-47.7200, -49.2880

■ 235.7050,
-24.7550, -19.4350

■ 93.2090, -62.6660,
-53.7540

■ 247.5250,
-14.9000, -5.3000

■ 74.6240, -47.5370,
-47.0970

■ 56.7400, -33.0040,
-40.6520

■ 39.9160, -18.7000,
-35.5640

■ 27.0020, -12.6500,

-24.0580

■ 9.3920, -4.4000,
-8.3680

■ 0.0000, 0.0000,
0.0000

■ 184.3810,
-42.5390, -49.5710

■ 184.3810,
-42.5390, -49.5710

■ 175.6800,
-51.1110, -59.4230

■ 193.0820,
-33.9670, -39.7190

■ 166.9790,
-59.6830, -69.2750


■ 201.7830,
-25.3950, -29.8670

■ 158.5770,
-67.6590, -78.9150


■ 210.1850,
-17.4190, -20.2270


■ 149.8760,
-76.2310, -88.7670

■ 218.8860, -8.8470,
-10.3750

 141.4740,
-84.2070, -98.4070

 227.5870, -0.2750,
-0.5230

 236.2880, 8.2970,
9.3290

 239.1510, 7.4250,
14.1210

Harmonies

Analogous

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



194.7670, 15.0920, -42.2520



184.3810, -42.5390, -49.5710



159.7990, -128.9170, -59.0370

Triad

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



184.3810, -42.5390, -49.5710



182.8270, -80.2800, -9.8480



190.0690, 57.4460, 16.1820

Complementary

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



184.3810, -42.5390, -49.5710



156.6190, 42.5390, 49.5710

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.



193.4040, 41.1660, 35.9020



184.3810, -42.5390, -49.5710



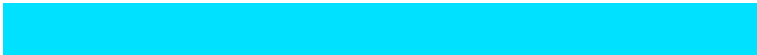
203.0800, -11.0080, 23.2960

Square

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



184.3810, -42.5390, -49.5710



161.1450, -143.7300, -38.3700



205.1050, 23.3750, 44.4550



195.8470, 65.9780, -6.2940

Rectangle

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



184.3810, -42.5390, -49.5710



164.1310, -141.1150, -47.2190



205.1050, 23.3750, 44.4550



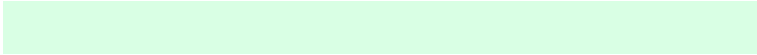
189.7730, 52.7680, 23.8720

Sweetspot

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



184.3810, -42.5390, -49.5710



240.5600, -13.9810, -16.4530



205.0230, 17.2470, -42.7610



119.1850, -8.2510, -10.1630



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.



184.3810, -42.5390, -49.5710



195.8160, -57.6660, -67.2820



190.7650, -60.5150, -32.1550



110.5000, -4.5840, -5.0320



111.1150, -66.2380, -77.1340



31.6470, -18.8400, -22.0080

Inverse Universe

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



156.6190, 42.5390, 49.5710



158.1840, 57.6660, 67.2820



150.2350, 60.5150, 32.1550



107.5000, 4.5840, 5.0320



67.8850, 66.2380, 77.1340



19.3530, 18.8400, 22.0080

Previews

White Background



This preview shows how the YIQ color 184.3810, -42.5390, -49.5710 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 184.3810, -42.5390, -49.5710 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 184.3810, -42.5390, -49.5710 Background



This preview shows how black text looks on a background with the YIQ color 184.3810, -42.5390, -49.5710.



This preview shows how white text looks on a background with the YIQ color 184.3810, -42.5390, -49.5710.

-49.5710.

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

184.3810, -42.5390, -49.5710

Protanopia

201.4450, 31.6390, -17.2330

Deuteranopia

203.7810, 39.9810, -3.2110



Tritanopia

194.5340, -54.6500, -11.7860

Trichromacy



Original Color

184.3810, -42.5390, -49.5710



Protanomaly

195.5230, 4.6360, -28.9640



Deuteranomaly

196.7290, 10.2280, -20.1720



Tritanomaly

190.8420, -50.2460, -25.5260

Monochromacy



Original Color

184.3810, -42.5390, -49.5710



Achromatopsia

184.0000, 0.0000, -0.0000



Achromatomaly

184.1360, -15.7230, -17.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.3810, -42.5390, -49.5710 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(113, 228, 147)` looks like.

```
.text, #text, p{  
    color:rgb(113, 228, 147)  
}
```

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(113, 228, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 228, 147) }
```

Border

The CSS property to change the border of an element to YIQ 184.3810, -42.5390, -49.5710 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(113, 228, 147) }
```


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

```
.border{ border-color:rgb(113, 228, 147) }
```

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

Here you see how a box with a 4 pixel rgb(113, 228, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 228, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 228, 147);  
box-shadow:4px 4px 4px 4px rgb(113, 228,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 184.3810, -42.5390, -49.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 228, 147) }
```

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

```
.background{ background-color: rgb(113,  
228, 147) }
```

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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