

Converting Colors

YIQ(193.4480, 29.8390, 48.4550)

Have a look what the booklet for
YIQ(193.4480, 29.8390, 48.4550)
contains.

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Color

**YIQ(193.4480, 29.8390,
48.4550)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FC9AF3 |
| RGB | 252, 154, 243 |
| RGB Percent | 99%, 60%, 95% |
| CMY | 0.0115, 0.3962, 0.0470 |
| CMYK | 0.00, 0.39, 0.04, 0.01 |
| HSL | 306°, 94%, 80% |
| HSV | 306°, 39%, 99% |
| XYZ | 67.9000, 50.2787, 90.9301 |
| YIQ | 193.4480, 29.8390, 48.4550 |

Conversions

Conversions Part 2

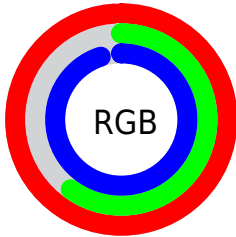
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 252, 154, 243 |
| Decimal | 16554739 |
| CIE Lab | 76.24, 49.39, -29.31 |
| CIE LCh | 76, 57.427, 329.314 |
| Yxy | 50.2787, 0.3247, 0.2404 |
| Android (android.graphics.Color) | 4294744819 (0xFFFC9AF3) |
| YUV | 193.4480, 24.4291, 51.3501 |
| Hunter-Lab | 70.9075, 46.8409, -26.3968 |

Details

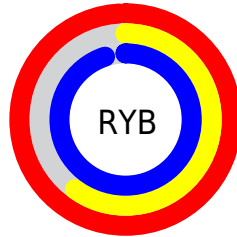
The YIQ color **193.4480, 29.8390, 48.4550** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.5520, -29.8390, -48.4550**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.5850, 12.3750, 23.5350**, and **138.0240, 28.0970, 46.9850** is the 20% darker color. If you saturate the color by 10%, you get **178.5450, 37.3560, 60.9080**, and if you desaturate by 10%, it is **208.3510, 22.3220, 36.0020**.

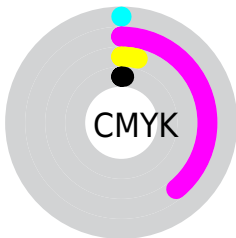
Distribution



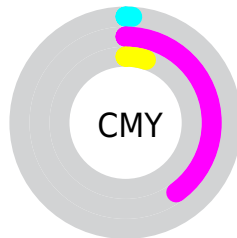
- Red (99%)
- Green (60%)
- Blue (95%)



- Red (99%)
- Yellow (60%)
- Blue (95%)



- Cyan (0%)
- Magenta (39%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (40%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 193.4480, 29.8390, 48.4550 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 193.4480, 29.8390, 48.4550 by changing the saturation by 10% instead.


 193.4480, 29.8390,
48.4550


 193.4480, 29.8390,
48.4550


255.0000, -0.0000,
-0.0000


 165.6220, 29.2890,
47.4090


 228.5850, 12.3750,
23.5350


 138.0240, 28.0970,
46.9850

 245.6080, 4.4000,
8.3680

 111.1980, 27.5470,
45.9390

 84.0130, 26.6300,
46.0380

 54.8930, 27.0880,
48.7520

 34.8770, 24.0170,
43.8330

 24.3670, 16.2250,

30.8570

■ 14.9820, 9.5790,
19.1390

■ 2.0690, -4.4480,
3.5200

■ 193.4480, 29.8390,
48.4550

■ 193.4480, 29.8390,
48.4550

■ 178.5450, 37.3560,
60.9080

■ 208.3510, 22.3220,
36.0020

■ 163.5280, 45.1940,
73.0500

■ 223.3680, 14.4840,
23.8600

■ 148.0380, 52.9860,
86.0260

■ 238.8580, 6.6920,
10.8840

■ 133.1350, 60.5030,
98.4790

■ 253.7610, -0.8250,
-1.5690

■ 118.1180, 68.3410, 254.1030, -1.7880,
110.6210 -0.6360

■ 103.2150, 75.8580,
123.0740

■ 101.4540, 76.6830,
124.6430

Harmonies

Analogous

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



188.3060, -17.3360, 27.8480



193.4480, 29.8390, 48.4550



181.3730, 51.6190, 39.1950

Triad

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



193.4480, 29.8390, 48.4550



183.1530, 55.5280, -26.1680



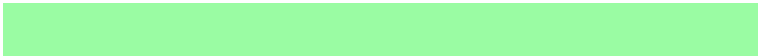
152.7500, -135.2480, -37.9040

Complementary

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



193.4480, 29.8390, 48.4550



212.5520, -29.8390, -48.4550

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.



146.7080, -118.2350, -54.3870



193.4480, 29.8390, 48.4550



177.4080, 14.7250, -41.1070

Square

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



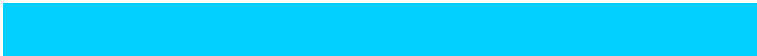
193.4480, 29.8390, 48.4550



184.1580, 75.4680, -2.0680



167.3210, -42.3100, -48.2140



150.5790, -138.7800, -28.9560

Rectangle

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



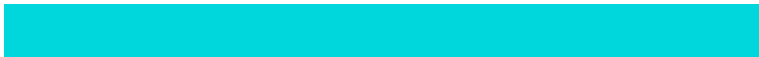
193.4480, 29.8390, 48.4550



178.5570, 62.3040, 27.2640



167.3210, -42.3100, -48.2140



151.3990, -130.0660, -43.7140

Sweetspot

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



193.4480, 29.8390, 48.4550



236.4610, 9.4880, 15.2800



167.5640, -26.6900, 32.1740



117.2060, 5.5920, 8.7920



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.



193.4480, 29.8390, 48.4550



183.3060, 36.5310, 59.3390



187.9760, 45.2470, 33.5270



117.2550, 3.8960, 6.4880



76.0050, 57.7530, 93.2490



24.6230, 18.3800, 30.3480

Inverse Universe

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



193.4480, 29.8390, 48.4550



183.3060, 36.5310, 59.3390



218.0240, -45.2470, -33.5270



117.2550, 3.8960, 6.4880



76.0050, 57.7530, 93.2490



24.6230, 18.3800, 30.3480

Previews

White Background



This preview shows how the YIQ color 193.4480, 29.8390, 48.4550 looks on a white background.

Color Contrast Check

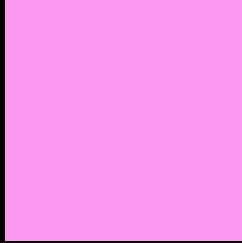
Large Text (above 18pt) WCAG AA × Fail

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 193.4480, 29.8390, 48.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

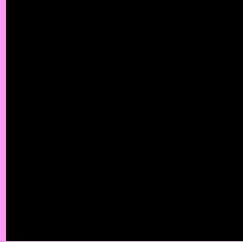
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.4480, 29.8390, 48.4550

Background



This preview shows how black text looks on a background with the YIQ color 193.4480, 29.8390, 48.4550.



This preview shows how white text looks on a background with the YIQ color 193.4480, 29.8390,

48.4550.

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

193.4480, 29.8390, 48.4550

Protanopia

188.4840, -32.8770, 17.6430

Deuteranopia

189.7320, -19.0760, 15.3240



Tritanopia

191.5050, 41.7190, 20.3670

Trichromacy



Original Color

193.4480, 29.8390, 48.4550



Protanomaly

190.2530, -9.8170, 29.2470



Deuteranomaly

191.2770, -1.1970, 27.2110



Tritanomaly

192.0890, 37.4990, 30.7710

Monochromacy



Original Color

193.4480, 29.8390, 48.4550



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

193.1130, 10.5880, 17.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.4480, 29.8390, 48.4550 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(252, 154, 243)` looks like.

```
.text, #text, p{  
    color:rgb(252, 154, 243)  
}
```

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(252, 154, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 154, 243) }
```

Border

The CSS property to change the border of an element to YIQ 193.4480, 29.8390, 48.4550 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(252, 154, 243) }
```


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

```
.border{ border-color:rgb(252, 154, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 154, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 154, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 154, 243);  
box-shadow:4px 4px 4px 4px rgb(252, 154,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 193.4480, 29.8390, 48.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 154, 243) }
```

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

```
.background{ background-color: rgb(252,  
154, 243) }
```

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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