

Converting Colors

YIQ(149.4000, 49.2710, 92.7830)

Have a look what the booklet for
YIQ(149.4000, 49.2710, 92.7830)
contains.

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Color

**YIQ(149.4000, 49.2710,
92.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	FE4CFD
RGB	254, 76, 253
RGB Percent	100%, 30%, 99%
CMY	0.0034, 0.7022, 0.0078
CMYK	0.00, 0.70, 0.00, 0.00
HSL	300°, 99%, 65%
HSV	300°, 70%, 100%
XYZ	61.2342, 33.3480, 96.1504
YIQ	149.4000, 49.2710, 92.7830

Conversions

Conversions Part 2

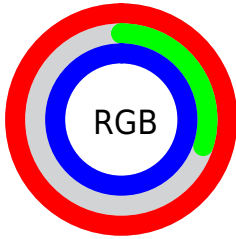
Format	Color
RYB	254, 76, 253
Decimal	16665853
CIELab	64.44, 85.11, -53.19
CIElCh	64, 100.360, 327.998
Yxy	33.3480, 0.3210, 0.1748
Android (android.graphics.Color)	4294855933 (0xFFFE4CFD)
YUV	149.4000, 51.0748, 91.7342
Hunter-Lab	57.7477, 88.2184, -58.2949

Details

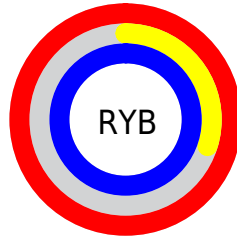
The YIQ color **149.4000, 49.2710, 92.7830** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **180.6000, -49.2710, -92.7830**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **186.9080, 31.9000, 60.6680**, and **80.0510, 52.1120, 101.8720** is the 20% darker color. If you saturate the color by 10%, you get **134.7250, 56.1460, 105.8580**, and if you desaturate by 10%, it is **164.0750, 42.3960, 79.7080**.

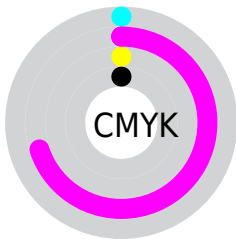
Distribution



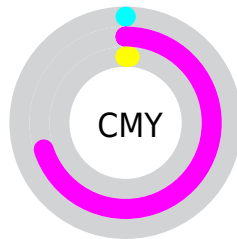
- Red (100%)
- Green (30%)
- Blue (99%)



- Red (100%)
- Yellow (30%)
- Blue (99%)



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (70%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.4000, 49.2710, 92.7830 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 149.4000, 49.2710, 92.7830 by changing the saturation by 10% instead.


 149.4000, 49.2710,
92.7830


 149.4000, 49.2710,
92.7830


255.0000, -0.0000,
-0.0000


 113.6440, 51.7000,
98.3240


 186.9080, 31.9000,
60.6680

 80.0510, 52.1120,
101.8720


 204.5180, 23.6500,
44.9780


 68.1880, 43.8160,
87.0160

 222.7150, 15.1250,
28.7650

 56.1400, 34.6030,
72.2590

 240.3250, 6.8750,
13.0750

 44.5050, 25.6650,
58.0250

 33.1690, 17.3230,
44.0030

 21.7620, 7.7430,

30.3910

■ 8.3760, -6.3300,
15.6060

■ 2.7530, -6.3740,
5.3860

■ 149.4000, 49.2710,
92.7830

■ 149.4000, 49.2710,
92.7830

■ 134.7250, 56.1460,
105.8580

■ 164.0750, 42.3960,
79.7080

■ 119.4630, 63.2960,
119.4560

■ 179.3370, 35.2460,
66.1100

■ 104.7880, 70.1710,
132.5310

■ 194.0120, 28.3710,
53.0350

■ 209.3880, 20.9000,
39.7480

■ 224.0630, 14.0250,
26.6730

■ 238.7380, 7.1500,
13.5980

■ 254.0000, -0.0000,
-0.0000

■ 254.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



144.7930, -46.2680, 34.5640



149.4000, 49.2710, 92.7830



95.1690, 98.6940, 105.6860

Triad

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



149.4000, 49.2710, 92.7830



146.6430, 74.0990, -37.8450



140.5370, -129.7940, -26.6100

Complementary

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



149.4000, 49.2710, 92.7830



180.6000, -49.2710, -92.7830

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.



129.4620, -99.9870, -54.6990



149.4000, 49.2710, 92.7830



134.1200, 14.4550, -69.2650

Square

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



149.4000, 49.2710, 92.7830



140.8150, 121.7300, -3.4700



115.2410, -66.8330, -82.8730



139.4260, -133.5550, -19.0190

Rectangle

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



149.4000, 49.2710, 92.7830



88.4430, 117.6330, 87.3370



115.2410, -66.8330, -82.8730



137.2310, -120.4850, -35.6290

Sweetspot

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



149.4000, 49.2710, 92.7830



223.3020, 14.8500, 28.2420



96.2920, -57.1380, 55.3580



109.1020, 9.1210, 16.4250



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.



149.4000, 49.2710, 92.7830



129.2680, 59.1710, 111.6110



139.3680, 77.5190, 65.4150



120.2550, 3.8960, 6.4880



78.7690, 52.8460, 99.5820



26.3180, 17.9210, 33.1610

Inverse Universe

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



149.4000, 49.2710, 92.7830



129.2680, 59.1710, 111.6110



190.6320, -77.5190, -65.4150



120.2550, 3.8960, 6.4880



78.7690, 52.8460, 99.5820



26.3180, 17.9210, 33.1610

Previews

White Background



This preview shows how the YIQ color 149.4000, 49.2710, 92.7830 looks on a white background.

Color Contrast Check

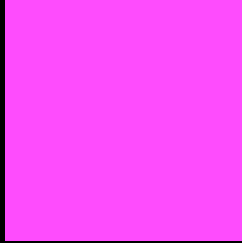
Large Text (above 18pt) WCAG AA × Fail

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 149.4000, 49.2710, 92.7830 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 149.4000, 49.2710, 92.7830

Background



This preview shows how black text looks on a background with the YIQ color 149.4000, 49.2710, 92.7830.



This preview shows how white text looks on a background with the YIQ color 149.4000, 49.2710,

92.7830.

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

149.4000, 49.2710, 92.7830

Protanopia

152.9670, -55.9860, 23.4540

Deuteranopia

153.1320, -52.3170, 17.5310



Tritanopia

155.5040, 69.8230, 28.6630

Trichromacy



Original Color

149.4000, 49.2710, 92.7830



Protanomaly

151.6660, -17.5690, 48.5990



Deuteranomaly

151.8140, -15.2300, 44.7540

Tritanomaly

153.4380, 62.1620, 51.8740

Monochromacy



Original Color

149.4000, 49.2710, 92.7830



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.8450, 17.8750, 33.9950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4000, 49.2710, 92.7830 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(254, 76, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 76, 253)  
}
```

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(254, 76, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 76, 253) }
```

Border

The CSS property to change the border of an element to YIQ 149.4000, 49.2710, 92.7830 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(254, 76, 253) }
```


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

```
.border{ border-color:rgb(254, 76, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 76, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 76, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 76, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 76,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4000, 49.2710, 92.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 76, 253) }
```

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

```
.background{ background-color: rgb(254, 76,  
253) }
```

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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