

Converting Colors

YIQ(149.4100, 76.5600, 44.2400)

Have a look what the booklet for
YIQ(149.4100, 76.5600, 44.2400)
contains.

YIQ(149.4100, 76.5600, 44.2400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(149.4100, 76.5600,
44.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	FA648C
RGB	250, 100, 140
RGB Percent	98%, 39%, 55%
CMY	0.0192, 0.6081, 0.4507
CMYK	0.00, 0.60, 0.44, 0.02
HSL	344°, 94%, 69%
HSV	344°, 60%, 98%
XYZ	48.7491, 31.3398, 28.3177
YIQ	149.4100, 76.5600, 44.2400

Conversions

Conversions Part 2

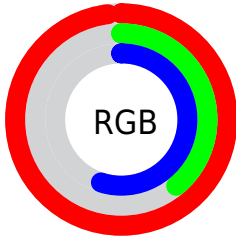
Format	Color
R _Y B	250, 100, 140
Decimal	16409740
CIE Lab	62.79, 60.61, 8.19
CIE LCh	63, 61.157, 7.695
Yxy	31.3398, 0.4497, 0.2891
Android (android.graphics.Color)	4294599820 (0xFFFA648C)
YUV	149.4100, -4.6391, 88.2174
Hunter-Lab	55.9819, 57.4697, 9.1963

Details

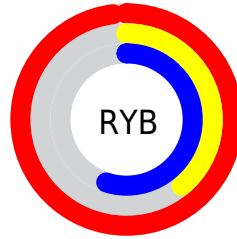
The YIQ color **149.4100, 76.5600, 44.2400** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **200.5900, -76.5600, -44.2400**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **190.4060, 46.8520, 31.9720**, and **90.2510, 72.7540, 47.1380** is the 20% darker color. If you saturate the color by 10%, you get **132.6830, 89.2130, 51.7170**, and if you desaturate by 10%, it is **166.1370, 63.9070, 36.7630**.

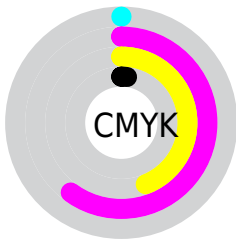
Distribution



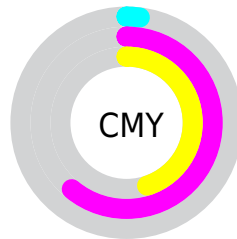
- Red (98%)
- Green (39%)
- Blue (55%)



- Red (98%)
- Yellow (39%)
- Blue (55%)



- Cyan (0%)
- Magenta (60%)
- Yellow (44%)
- Black (2%)





- Cyan (2%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.4100, 76.5600, 44.2400 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 149.4100, 76.5600, 44.2400 by changing the saturation by 10% instead.


 149.4100, 76.5600,
44.2400


 149.4100, 76.5600,
44.2400


255.0000, -0.0000,
-0.0000


 120.2680, 74.0840,
45.0600


 190.4060, 46.8520,
31.9720

 89.6640, 73.0290,
47.6610


 210.0340, 30.1640,
26.0360


 55.1790, 73.2570,
54.5450

 230.3630, 12.8800,
19.8880

 43.7010, 62.4390,
41.3430

 248.5430, 3.0250,
5.7530

 32.7500, 51.5750,
28.9750

 21.7560, 42.2700,
15.8860

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 149.4100, 76.5600,
44.2400

■ 149.4100, 76.5600,
44.2400

■ 132.6830, 89.2130,
51.7170

■ 166.1370, 63.9070,
36.7630

■ 115.8420,
102.1870, 58.8830

■ 182.9780, 50.9330,
29.5970

■ 99.1150, 114.8400,
66.3600

■ 199.7050, 38.2800,
22.1200

■ 82.3880, 127.4930,
73.8370

■ 216.4320, 25.6270,
14.6430

■ 233.2730, 12.6530,
7.4770

250.0000, 0.0000,
0.0000

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



154.2710, 43.6390, 51.6630



149.4100, 76.5600, 44.2400



148.4330, 85.7800, 20.3080

Triad

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



149.4100, 76.5600, 44.2400



137.3460, 0.1000, -45.8840



127.9310, -127.3670, -10.0150

Complementary

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



149.4100, 76.5600, 44.2400



200.5900, -76.5600, -44.2400

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.



128.0500, -118.0570, -24.5610



149.4100, 76.5600, 44.2400



115.0370, -82.7930, -57.9370

Square

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



149.4100, 76.5600, 44.2400



143.7510, 47.5520, -35.8080



123.2960, -101.9150, -41.7790



135.9240, -89.9580, 11.3700

Rectangle

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



149.4100, 76.5600, 44.2400



148.5500, 80.2360, -0.3720



123.2960, -101.9150, -41.7790



128.6660, -125.3030, -14.3830

Sweetspot

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



149.4100, 76.5600, 44.2400



224.1220, 23.5640, 13.4840



149.3920, 16.2180, 69.5460



108.5830, 14.7160, 8.6360



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.



149.4100, 76.5600, 44.2400



131.6020, 93.9350, 54.2470



163.6340, 80.6000, 15.0640



116.3430, 6.4640, 4.0000



62.2110, 96.5940, 55.6180



20.0630, 31.2200, 17.9080

Inverse Universe

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



149.4100, 76.5600, 44.2400



131.6020, 93.9350, 54.2470



186.3660, -80.6000, -15.0640



116.3430, 6.4640, 4.0000



62.2110, 96.5940, 55.6180



20.0630, 31.2200, 17.9080

Previews

White Background



This preview shows how the YIQ color 149.4100, 76.5600, 44.2400 looks on a white background.

Color Contrast Check

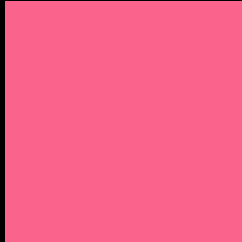
Large Text (above 18pt) WCAG AA × Fail

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 149.4100, 76.5600, 44.2400 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 149.4100, 76.5600, 44.2400

Background



This preview shows how black text looks on a background with the YIQ color 149.4100, 76.5600, 44.2400.



This preview shows how white text looks on a background with the YIQ color 149.4100, 76.5600,

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

149.4100, 76.5600, 44.2400

Protanopia

152.7530, -6.3740, 5.3860

Deuteranopia

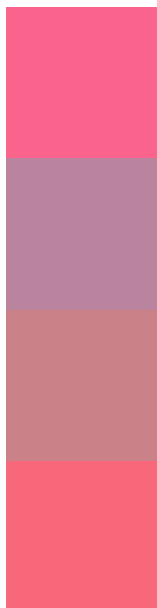
153.4770, 20.5860, 1.3700



Tritanopia

148.5550, 82.9810, 32.4930

Trichromacy



Original Color

149.4100, 76.5600, 44.2400

Protanomaly

151.1100, 23.8380, 19.5340

Deuteranomaly

152.2120, 40.9860, 17.1300

Tritanomaly

148.8200, 80.9170, 36.8610

Monochromacy



Original Color

149.4100, 76.5600, 44.2400

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.1550, 27.9650, 16.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4100, 76.5600, 44.2400 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(250, 100, 140)` looks like.

```
.text, #text, p{  
    color:rgb(250, 100, 140)  
}
```

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(250, 100, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 100, 140) }
```

Border

The CSS property to change the border of an element to YIQ 149.4100, 76.5600, 44.2400 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(250, 100, 140) }
```


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

```
.border{ border-color:rgb(250, 100, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 100, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 100, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 100, 140);  
box-shadow:4px 4px 4px 4px rgb(250, 100,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4100, 76.5600, 44.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 100, 140) }
```

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

```
.background{ background-color: rgb(250,  
100, 140) }
```

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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