

Converting Colors

YIQ(146.1450, 78.6240, 39.8720)

Have a look what the booklet for
YIQ(146.1450, 78.6240, 39.8720)
contains.

YIQ(146.1450, 78.6240, 39.8720)	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(146.1450, 78.6240,
39.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	F6637F
RGB	246, 99, 127
RGB Percent	96%, 39%, 50%
CMY	0.0349, 0.6120, 0.5017
CMYK	0.00, 0.60, 0.48, 0.03
HSL	349°, 89%, 68%
HSV	349°, 60%, 97%
XYZ	46.3305, 30.0560, 23.4635
YIQ	146.1450, 78.6240, 39.8720

Conversions

Conversions Part 2

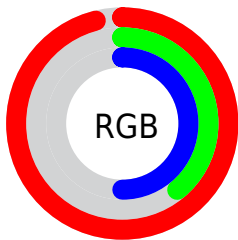
Format	Color
R _Y B	246, 99, 127
Decimal	16147327
CIE Lab	61.70, 58.58, 14.06
CIE LCh	62, 60.241, 13.501
Yxy	30.0560, 0.4640, 0.3010
Android (android.graphics.Color)	4294337407 (0xFFFF6637F)
YUV	146.1450, -9.4385, 87.5728
Hunter-Lab	54.8233, 54.9071, 13.0012

Details

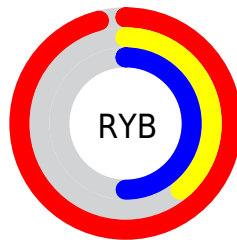
The YIQ color **146.1450, 78.6240, 39.8720** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **198.8550, -78.6240, -39.8720**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.7500, 51.5750, 28.9750**, and **87.1000, 74.4970, 43.0810** is the 20% darker color. If you saturate the color by 10%, you get **129.1900, 91.9190, 46.7270**, and if you desaturate by 10%, it is **163.1000, 65.3290, 33.0170**.

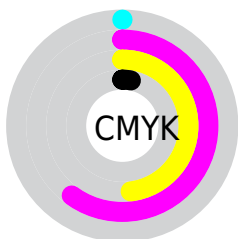
Distribution



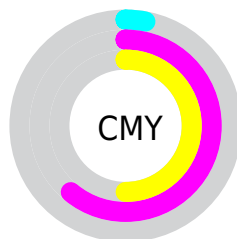
- Red (96%)
- Green (39%)
- Blue (50%)



- Red (96%)
- Yellow (39%)
- Blue (50%)



- Cyan (0%)
- Magenta (60%)
- Yellow (48%)
- Black (3%)





- Cyan (3%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.1450, 78.6240, 39.8720 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 146.1450, 78.6240, 39.8720 by changing the saturation by 10% instead.


 146.1450, 78.6240,
39.8720


 146.1450, 78.6240,
39.8720


255.0000, -0.0000,
-0.0000


 117.0030, 76.1480,
40.6920


 187.7500, 51.5750,
28.9750

 87.1000, 74.4970,
43.0810


 207.8510, 34.9330,
22.2050


 52.7290, 74.4040,
50.2760

 228.0660, 17.9700,
15.7460

 41.3650, 63.2650,
37.3850

 247.3690, 3.5750,
6.7990

 30.1860, 53.0430,
24.3950

 20.5600, 39.8860,
15.0380

 10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 146.1450, 78.6240,
39.8720

■ 146.1450, 78.6240,
39.8720

■ 129.1900, 91.9190,
46.7270

■ 163.1000, 65.3290,
33.0170

■ 112.8220,
104.9390, 53.0590

■ 179.4680, 52.3090,
26.6850

■ 95.8670, 118.2340,
59.9140

■ 196.4230, 39.0140,
19.8300

■ 79.4990, 131.2540,
66.2460

■ 212.7910, 25.9940,
13.4980

■ 78.9120, 131.5290,
66.7690

■ 229.7460, 12.6990,
6.6430

■ 246.7010, -0.5960,
-0.2120

■ 252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



150.7510, 50.9750, 50.8710



146.1450, 78.6240, 39.8720



145.7760, 83.0760, 14.2440

Triad

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



146.1450, 78.6240, 39.8720



133.0720, -10.8120, -46.3640



124.2950, -125.3960, -7.1880

Complementary

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



146.1450, 78.6240, 39.8720



198.8550, -78.6240, -39.8720

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.



126.1580, -118.2410, -21.2250



146.1450, 78.6240, 39.8720



114.8890, -85.1320, -54.0920

Square

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



146.1450, 78.6240, 39.8720



140.0920, 39.1620, -37.9420



122.3330, -103.3370, -38.0330



141.7420, -68.5940, 20.6700

Rectangle

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



146.1450, 78.6240, 39.8720



145.5230, 75.6980, -6.2380



122.3330, -103.3370, -38.0330



125.8450, -124.2490, -11.4570

Sweetspot

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



146.1450, 78.6240, 39.8720



223.7800, 24.5270, 12.5510



151.0400, 23.1410, 70.7330



108.3550, 15.3580, 8.0140



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.



146.1450, 78.6240, 39.8720



130.0060, 98.4290, 49.8930



168.7810, 75.5120, 8.1520



113.8160, 6.5100, 3.1660



59.7180, 99.3000, 50.6280



18.8950, 31.6330, 15.9290

Inverse Universe

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



146.1450, 78.6240, 39.8720



130.0060, 98.4290, 49.8930



176.2190, -75.5120, -8.1520



113.8160, 6.5100, 3.1660



59.7180, 99.3000, 50.6280



18.8950, 31.6330, 15.9290

Previews

White Background



This preview shows how the YIQ color 146.1450, 78.6240, 39.8720 looks on a white background.

Color Contrast Check

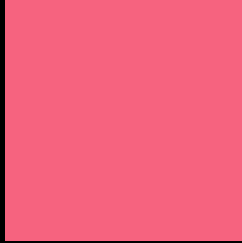
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.1450, 78.6240, 39.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

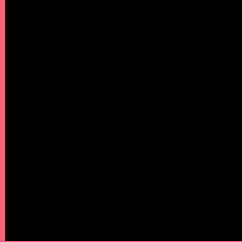
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 146.1450, 78.6240, 39.8720

Background



This preview shows how black text looks on a background with the YIQ color 146.1450, 78.6240, 39.8720.



This preview shows how white text looks on a background with the YIQ color 146.1450, 78.6240,

39.8720.

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

146.1450, 78.6240, 39.8720

Protanopia

150.0540, -0.0920, 1.6680

Deuteranopia

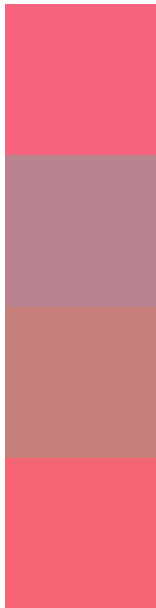
150.2340, 25.5840, -1.1040



Tritanopia

145.5550, 82.9810, 32.4930

Trichromacy



Original Color

146.1450, 78.6240, 39.8720

Protanomaly

148.9270, 28.6070, 15.7030

Deuteranomaly

148.9580, 44.5170, 13.7090

Tritanomaly

145.7660, 81.0090, 35.1930

Monochromacy



Original Color

146.1450, 78.6240, 39.8720

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9870, 28.3780, 14.3460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1450, 78.6240, 39.8720 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(246, 99, 127)` looks like.

```
.text, #text, p{  
    color:rgb(246, 99, 127)  
}
```

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(246, 99, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 99, 127) }
```

Border

The CSS property to change the border of an element to YIQ 146.1450, 78.6240, 39.8720 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(246, 99, 127) }
```


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

```
.border{ border-color:rgb(246, 99, 127) }
```

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

Here you see how a box with a 4 pixel rgb(246, 99, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 99, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 99, 127);  
box-shadow:4px 4px 4px 4px rgb(246, 99,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1450, 78.6240, 39.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 99, 127) }
```

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

```
.background{ background-color: rgb(246, 99,  
127) }
```

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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