

Converting Colors

YIQ(145.2440, 74.6320, 57.1600)

Have a look what the booklet for
YIQ(145.2440, 74.6320, 57.1600)
contains.

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Color

**YIQ(145.2440, 74.6320,
57.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	FC58A0
RGB	252, 88, 160
RGB Percent	99%, 35%, 63%
CMY	0.0113, 0.6551, 0.3723
CMYK	0.00, 0.65, 0.37, 0.01
HSL	334°, 97%, 67%
HSV	334°, 65%, 99%
XYZ	50.0197, 30.2245, 36.4834
YIQ	145.2440, 74.6320, 57.1600

Conversions

Conversions Part 2

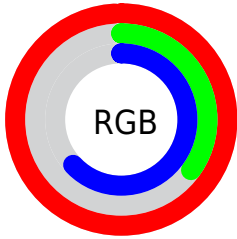
Format	Color
R _Y B	252, 88, 160
Decimal	16537760
CIE Lab	61.85, 68.13, -4.69
CIE LCh	62, 68.292, 356.060
Yxy	30.2245, 0.4285, 0.2589
Android (android.graphics.Color)	4294727840 (0xFFFC58A0)
YUV	145.2440, 7.2747, 93.6250
Hunter-Lab	54.9769, 66.1955, -0.8619

Details

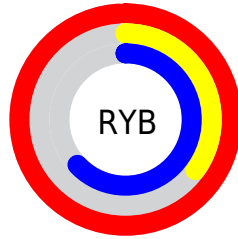
The YIQ color **145.2440, 74.6320, 57.1600** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **194.7560, -74.6320, -57.1600**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **186.4570, 42.8150, 44.5670**, and **75.9920, 75.8220, 68.6380** is the 20% darker color. If you saturate the color by 10%, you get **128.9730, 86.0010, 65.8810**, and if you desaturate by 10%, it is **161.5150, 63.2630, 48.4390**.

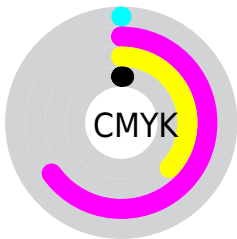
Distribution



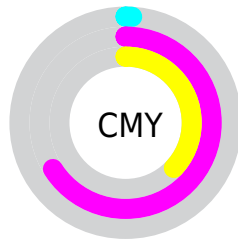
- Red (99%)
- Green (35%)
- Blue (63%)



- Red (99%)
- Yellow (35%)
- Blue (63%)



- Cyan (0%)
- Magenta (65%)
- Yellow (37%)
- Black (1%)





- Cyan (1%)
- Magenta (66%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.2440, 74.6320, 57.1600 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 145.2440, 74.6320, 57.1600 by changing the saturation by 10% instead.


 145.2440, 74.6320,
57.1600


 145.2440, 74.6320,
57.1600


255.0000, -0.0000,
-0.0000


 114.2270, 73.3020,
59.2380


 186.4570, 42.8150,
44.5670

 75.9920, 75.8220,
68.6380


 206.6720, 25.8520,
38.1080


 57.8290, 68.6710,
60.5670

 225.6500, 13.7500,
26.1500

 46.1230, 58.4950,
46.7430

 242.6730, 5.7750,
10.9830

 35.0580, 47.9520,
34.0640

 24.2920, 38.0050,
21.5970

 13.5690, 26.4990,

9.8510

■ 0.0000, 0.0000,
0.0000

■ 145.2440, 74.6320,
57.1600

■ 145.2440, 74.6320,
57.1600

■ 128.9730, 86.0010,
65.8810

■ 161.5150, 63.2630,
48.4390

■ 112.7020, 97.3700,
74.6020

■ 177.7860, 51.8940,
39.7180

■ 95.8440, 109.0140,
83.8460

■ 194.6440, 40.2500,
30.4740

■ 88.0020, 114.5610,
87.9450

■ 211.0290, 28.5600,
22.0640

■ 227.3000, 17.1910,
13.3430

243.5710, 5.8220,
4.6220

254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



152.2340, 27.8660, 56.6820



145.2440, 74.6320, 57.1600



142.8230, 94.0300, 35.9980

Triad

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



145.2440, 74.6320, 57.1600



135.1190, 25.3640, -52.2040



129.3500, -127.2290, -12.5170

Complementary

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



145.2440, 74.6320, 57.1600



194.7560, -74.6320, -57.1600

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.



126.8130, -113.1960, -30.0600



145.2440, 74.6320, 57.1600



117.2170, -57.1170, -60.7090

Square

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



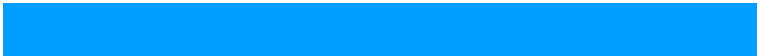
145.2440, 74.6320, 57.1600



139.8430, 70.6600, -36.0920



119.7450, -93.2940, -49.3420



122.4030, -125.5800, -3.8520

Rectangle

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



145.2440, 74.6320, 57.1600



143.9250, 92.8420, 13.4660



119.7450, -93.2940, -49.3420



129.0420, -123.6060, -17.6060

Sweetspot

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



145.2440, 74.6320, 57.1600



221.7570, 23.3340, 17.6540



133.6060, 0.9960, 70.0840



107.7510, 14.3030, 10.6150



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.



145.2440, 74.6320, 57.1600



125.4190, 90.6770, 69.2450



141.7320, 95.5440, 30.5840



116.5710, 5.8220, 4.6220



65.9730, 86.0010, 65.8810



21.3170, 27.6890, 21.3290

Inverse Universe

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



145.2440, 74.6320, 57.1600



125.4190, 90.6770, 69.2450



198.2680, -95.5440, -30.5840



116.5710, 5.8220, 4.6220



65.9730, 86.0010, 65.8810



21.3170, 27.6890, 21.3290

Previews

White Background



This preview shows how the YIQ color 145.2440, 74.6320, 57.1600 looks on a white background.

Color Contrast Check

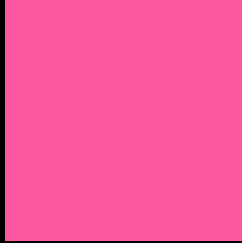
Large Text (above 18pt) WCAG AA × Fail

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 145.2440, 74.6320, 57.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

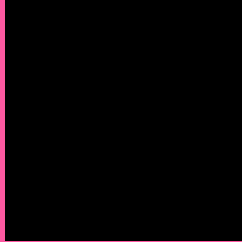
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 145.2440, 74.6320, 57.1600

Background



This preview shows how black text looks on a background with the YIQ color 145.2440, 74.6320, 57.1600.



This preview shows how white text looks on a background with the YIQ color 145.2440, 74.6320,

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

145.2440, 74.6320, 57.1600

Protanopia

150.2260, -23.5230, 13.3170

Deuteranopia

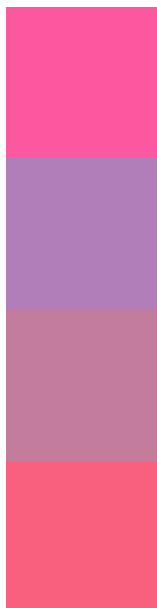
151.1800, 8.4810, 5.9930



Tritanopia

145.0500, 85.9610, 33.5530

Trichromacy



Original Color

145.2440, 74.6320, 57.1600

Protanomaly

148.2740, 12.0530, 29.3730

Deuteranomaly

148.7630, 32.3650, 24.6930

Tritanomaly

145.1670, 81.5580, 41.7660

Monochromacy



Original Color

145.2440, 74.6320, 57.1600

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.9040, 27.4140, 20.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.2440, 74.6320, 57.1600 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, 88, 160)` looks like.

```
.text, #text, p{  
    color:rgb(252, 88, 160)  
}
```

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, 88, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 88, 160) }
```

Border

The CSS property to change the border of an element to YIQ 145.2440, 74.6320, 57.1600 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, 88, 160) }
```


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

```
.border{ border-color:rgb(252, 88, 160) }
```

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

Here you see how a box with a 4 pixel rgb(252, 88, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 88, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 88, 160);  
box-shadow:4px 4px 4px 4px rgb(252, 88,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 145.2440, 74.6320, 57.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 88, 160) }
```

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

```
.background{ background-color: rgb(252, 88,  
160) }
```

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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