

# Converting Colors

YIQ(144.2390, 63.8600, 43.1240)

Have a look what the booklet for  
YIQ(144.2390, 63.8600, 43.1240)  
contains.

<b>YIQ(144.2390, 63.8600, 43.1240)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(144.2390, 63.8600,  
43.1240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E86393
RGB	232, 99, 147
RGB Percent	91%, 39%, 58%
CMY	0.0898, 0.6120, 0.4233
CMYK	0.00, 0.57, 0.37, 0.09
HSL	338°, 74%, 65%
HSV	338°, 57%, 91%
XYZ	43.0347, 28.1920, 30.7999
YIQ	144.2390, 63.8600, 43.1240

# Conversions

## Conversions Part 2

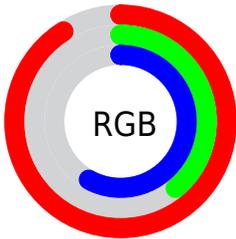
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 99, 147
Decimal	15229843
CIE Lab	60.06, 56.09, -0.15
CIE LCh	60, 56.088, 359.850
Yxy	28.1920, 0.4218, 0.2763
Android (android.graphics.Color)	4293419923 (0xFFE86393)
YUV	144.2390, 1.3612, 76.9664
Hunter-Lab	53.0962, 51.7570, 2.7745

# Details

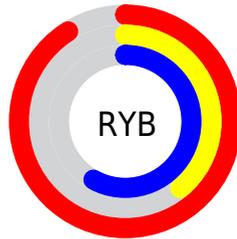
The YIQ color **144.2390, 63.8600, 43.1240** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **186.7610, -63.8600, -43.1240**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1440, 44.8340, 35.5060**, and **86.5530, 60.1000, 45.1880** is the 20% darker color. If you saturate the color by 10%, you get **129.0280, 75.0000, 50.4880**, and if you desaturate by 10%, it is **159.4500, 52.7200, 35.7600**.

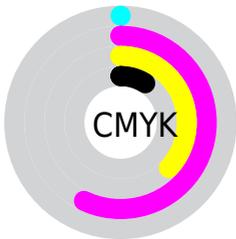
# Distribution



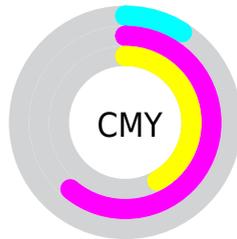
- Red (91%)
- Green (39%)
- Blue (58%)



- Red (91%)
- Yellow (39%)
- Blue (58%)



- Cyan (0%)
- Magenta (57%)
- Yellow (37%)
- Black (9%)



- Cyan (9%)
- Magenta (61%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 144.2390, 63.8600, 43.1240 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 144.2390, 63.8600, 43.1240 by changing the saturation by 10% instead.

 144.2390, 63.8600,  
43.1240

 144.2390, 63.8600,  
43.1240

255.0000, -0.0000,  
-0.0000

 115.8690, 62.0260,  
43.3220

 189.5570, 45.1090,  
36.0290

 86.8520, 60.6960,  
45.4000

 209.7720, 28.1460,  
29.5700

 51.0790, 61.7950,  
53.0190

 229.7590, 11.8250,  
22.4890

 40.1990, 52.1690,  
40.2410

 246.7820, 3.8500,  
7.3220

 29.1340, 41.6260,  
27.5620

 18.8800, 35.9890,  
14.0770

 7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,  
0.0000

■ 144.2390, 63.8600,  
43.1240

■ 144.2390, 63.8600,  
43.1240

■ 129.0280, 75.0000,  
50.4880

■ 159.4500, 52.7200,  
35.7600

■ 113.8170, 86.1400,  
57.8520

■ 174.6610, 41.5800,  
28.3960

■ 98.1330, 97.2340,  
66.0500

■ 190.4590, 30.1650,  
20.5090

■ 82.9220, 108.3740,  
73.4140

■ 205.5560, 19.3460,  
12.8340

■ 78.9440, 111.3080,  
75.3080

■ 220.7670, 8.2060,  
5.4700

■ 235.9780, -2.9340,  
-1.8940

■ 247.6670,  
-12.4240, -6.1200

■ 248.1230,  
-13.7080, -4.8760

# Harmonies

## Analogous

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



148.3830, 28.4640, 45.8400



144.2390, 63.8600, 43.1240



142.1750, 77.9390, 24.7470

# Triad

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



144.2390, 63.8600, 43.1240



133.9780, 13.1200, -39.5520



121.3140, -118.3800, -13.1960

# Complementary

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



144.2390, 63.8600, 43.1240



186.7610, -63.8600, -43.1240

# 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.



120.6180, -108.1530, -27.8410



144.2390, 63.8600, 43.1240



121.8090, -46.6200, -47.1960

# Square

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



144.2390, 63.8600, 43.1240



138.7010, 50.9890, -26.5070



114.9180, -92.1030, -43.3910



115.8660, -119.5740, -2.5660

# Rectangle

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



144.2390, 63.8600, 43.1240



142.1400, 75.8790, 7.0070



114.9180, -92.1030, -43.3910



121.8210, -115.6740, -18.1860

# Sweetspot

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



144.2390, 63.8600, 43.1240



226.5670, 20.8130, 13.7810



139.2780, 7.3710, 59.1710



110.8000, 12.6070, 8.3110



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.



144.2390, 63.8600, 43.1240



138.9200, 84.3520, 57.2160



149.3330, 74.3180, 18.7820



109.7450, 5.2720, 3.5760



61.5290, 87.0110, 58.5870



18.3120, 26.0850, 17.3570



# Inverse Universe

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



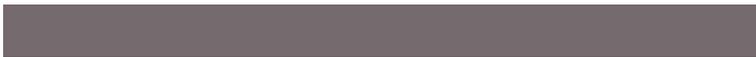
144.2390, 63.8600, 43.1240



138.9200, 84.3520, 57.2160



181.6670, -74.3180, -18.7820



109.7450, 5.2720, 3.5760



61.5290, 87.0110, 58.5870



18.3120, 26.0850, 17.3570



# Previews

## White Background



This preview shows how the YIQ color 144.2390, 63.8600, 43.1240 looks on a white background.

## Color Contrast Check

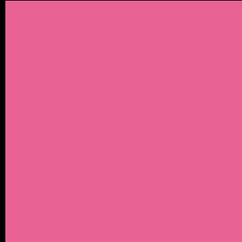
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.2390, 63.8600, 43.1240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

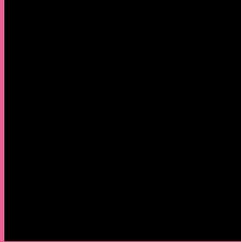
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 144.2390, 63.8600, 43.1240

## Background



This preview shows how black text looks on a background with the YIQ color 144.2390, 63.8600, 43.1240.



This preview shows how white text looks on a background with the YIQ color 144.2390, 63.8600,



# 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

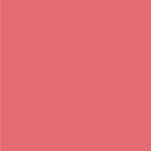
144.2390, 63.8600, 43.1240

### Protanopia

146.0390, -12.9310, 8.5810

### Deuteranopia

146.3930, 12.1950, 4.7630



## Tritanopia

143.5750, 71.0610, 28.2530

# Trichromacy



## Original Color

144.2390, 63.8600, 43.1240

## Protanomaly

145.6730, 14.9430, 21.0470

## Deuteranomaly

145.5900, 31.1740, 18.7420

## Tritanomaly

143.4810, 68.6300, 33.7660

# Monochromacy



## Original Color

144.2390, 63.8600, 43.1240

## Achromatopsia

144.0000, -0.0000, 0.0000

## Achromatomaly

144.2900, 23.1510, 15.4630

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 144.2390, 63.8600, 43.1240 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(232, 99, 147)` looks like.

```
.text, #text, p{  
    color:rgb(232, 99, 147)  
}
```

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(232, 99, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 99, 147) }
```

## Border

The CSS property to change the border of an element to YIQ 144.2390, 63.8600, 43.1240 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(232, 99, 147) }
```

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

```
.border{ border-color:rgb(232, 99, 147) }
```

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

Here you see how a box with a 4 pixel rgb(232, 99, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 99, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 99, 147);  
box-shadow:4px 4px 4px 4px rgb(232, 99,  
147) }
```

# Background

The CSS property to change the background color of an element to YIQ 144.2390, 63.8600, 43.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 99, 147) }
```

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

```
.background{ background-color: rgb(232, 99,  
147) }
```

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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