

Converting Colors

YIQ(134.4690, 87.2400, 59.9440)

Have a look what the booklet for
YIQ(134.4690, 87.2400, 59.9440)
contains.

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Color

**YIQ(134.4690, 87.2400,
59.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	FF488C
RGB	255, 72, 140
RGB Percent	100%, 28%, 55%
CMY	0.0000, 0.7179, 0.4507
CMYK	0.00, 0.72, 0.45, 0.00
HSL	338°, 100%, 64%
HSV	338°, 72%, 100%
XYZ	48.2916, 27.7805, 27.6568
YIQ	134.4690, 87.2400, 59.9440

Conversions

Conversions Part 2

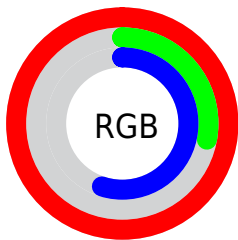
Format	Color
RYB	255, 72, 140
Decimal	16730252
CIELab	59.69, 72.73, 3.84
CIElCh	60, 72.828, 3.021
Yxy	27.7805, 0.4656, 0.2678
Android (android.graphics.Color)	4294920332 (0xFFFF488C)
YUV	134.4690, 2.7268, 105.7057
Hunter-Lab	52.7072, 71.3083, 5.7840

Details

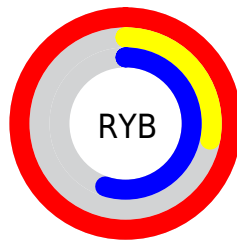
The YIQ color **134.4690, 87.2400, 59.9440** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **192.5310, -87.2400, -59.9440**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.3180, 53.4520, 44.5240**, and **67.9670, 86.1380, 68.9060** is the 20% darker color. If you saturate the color by 10%, you get **117.3830, 99.5260, 68.5660**, and if you desaturate by 10%, it is **150.9680, 75.2290, 51.8450**.

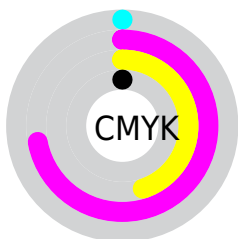
Distribution



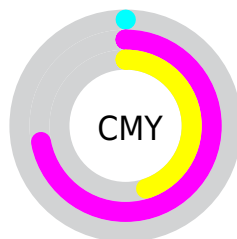
- Red (100%)
- Green (28%)
- Blue (55%)



- Red (100%)
- Yellow (28%)
- Blue (55%)



- Cyan (0%)
- Magenta (72%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (72%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 134.4690, 87.2400, 59.9440 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 134.4690, 87.2400, 59.9440 by changing the saturation by 10% instead.


 134.4690, 87.2400,
59.9440


 134.4690, 87.2400,
59.9440


255.0000, -0.0000,
-0.0000


 100.0440, 87.2390,
65.4710


 176.3180, 53.4520,
44.5240

 67.9670, 86.1380,
68.9060


 197.1200, 36.2140,
37.5420

 56.0760, 75.0450,
55.1810


 217.4490, 18.9300,
31.3940

 44.2990, 63.6310,
41.7670

 235.6290, 9.0750,
17.2590

 33.0490, 52.1710,
29.1870

 253.2390, 0.8250,
1.5690

 22.5820, 42.8200,
16.9320

 12.3730, 24.1150,

9.0030

■ 0.0000, 0.0000,
0.0000

■ 134.4690, 87.2400,
59.9440

■ 134.4690, 87.2400,
59.9440

■ 117.3830, 99.5260,
68.5660

■ 150.9680, 75.2290,
51.8450

■ 100.8840,
111.5370, 76.6650

■ 168.0540, 62.9430,
43.2230

■ 87.0750, 121.4850,
83.6050

■ 184.5530, 50.9320,
35.1240

■ 201.6390, 38.6460,
26.5020

■ 218.1380, 26.6350,
18.4030

235.2240, 14.3490,
9.7810

251.7230, 2.3380,
1.6820

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



143.8340, 43.9120, 63.2400



134.4690, 87.2400, 59.9440



135.2980, 99.7620, 31.2340

Triad

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



134.4690, 87.2400, 59.9440



124.6890, 14.5910, -60.7130



125.9250, -127.2300, -6.9900

Complementary

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



134.4690, 87.2400, 59.9440



192.5310, -87.2400, -59.9440

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.



125.1320, -115.3520, -24.0240



134.4690, 87.2400, 59.9440



108.5510, -72.7970, -62.8850

Square

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



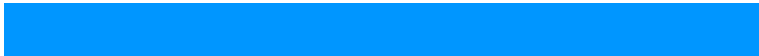
134.4690, 87.2400, 59.9440



133.8740, 60.2070, -39.3850



117.9500, -95.1290, -43.6170



117.1200, -123.1050, 0.8550

Rectangle

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



134.4690, 87.2400, 59.9440



136.7970, 95.7780, 4.3060



117.9500, -95.1290, -43.6170



126.6600, -125.1660, -11.3580

Sweetspot

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



134.4690, 87.2400, 59.9440



218.1380, 26.6350, 18.4030



126.6490, 8.6050, 80.8690



105.6480, 16.0910, 11.2510



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.



134.4690, 87.2400, 59.9440



110.7150, 104.5230, 71.6190



139.0440, 103.2930, 27.8130



119.3430, 6.4640, 4.0000



65.2030, 91.0450, 62.5730



21.8720, 30.4400, 21.0320

Inverse Universe

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



134.4690, 87.2400, 59.9440



110.7150, 104.5230, 71.6190



187.9560, -103.2930, -27.8130



119.3430, 6.4640, 4.0000



65.2030, 91.0450, 62.5730



21.8720, 30.4400, 21.0320

Previews

White Background



This preview shows how the YIQ color 134.4690, 87.2400, 59.9440 looks on a white background.

Color Contrast Check

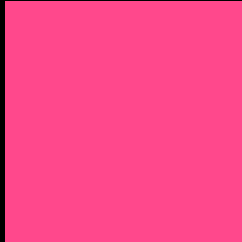
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.4690, 87.2400, 59.9440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

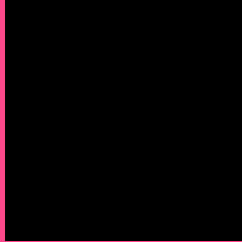
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.4690, 87.2400, 59.9440

Background



This preview shows how black text looks on a background with the YIQ color 134.4690, 87.2400, 59.9440.



This preview shows how white text looks on a background with the YIQ color 134.4690, 87.2400,

59.9440.

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

134.4690, 87.2400, 59.9440

Protanopia

144.7550, -17.8830, 10.2210

Deuteranopia

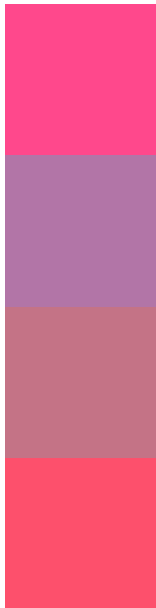
145.2640, 16.8720, 2.6000



Tritanopia

134.8020, 98.5230, 37.1710

Trichromacy



Original Color

134.4690, 87.2400, 59.9440

Protanomaly

140.9390, 20.3060, 28.4820

Deuteranomaly

141.3850, 42.1770, 23.0810

Tritanomaly

134.9190, 94.1200, 45.3840

Monochromacy



Original Color

134.4690, 87.2400, 59.9440

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.8830, 31.9070, 21.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.4690, 87.2400, 59.9440 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(255, 72, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 72, 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(255, 72, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 140) }
```

Border

The CSS property to change the border of an element to YIQ 134.4690, 87.2400, 59.9440 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(255, 72, 140) }
```


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

```
.border{ border-color:rgb(255, 72, 140) }
```

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

Here you see how a box with a 4 pixel rgb(255, 72, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 72,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 134.4690, 87.2400, 59.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 140) }
```

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

```
.background{ background-color: rgb(255, 72,  
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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