

Converting Colors

YIQ(139.8160, 86.7400, 35.9560)

Have a look what the booklet for
YIQ(139.8160, 86.7400, 35.9560)
contains.

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Color

**YIQ(139.8160, 86.7400,
35.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	F55D69
RGB	245, 93, 105
RGB Percent	96%, 36%, 41%
CMY	0.0388, 0.6355, 0.5879
CMYK	0.00, 0.62, 0.57, 0.04
HSL	355°, 88%, 66%
HSV	355°, 62%, 96%
XYZ	44.1520, 28.2686, 16.5169
YIQ	139.8160, 86.7400, 35.9560

Conversions

Conversions Part 2

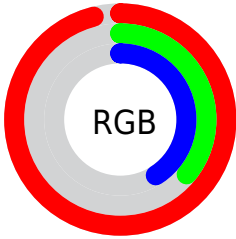
Format	Color
R _Y B	245, 93, 105
Decimal	16080233
CIE Lab	60.13, 59.09, 24.60
CIE LCh	60, 64.000, 22.600
Yxy	28.2686, 0.4964, 0.3178
Android (android.graphics.Color)	4294270313 (0xFFFF55D69)
YUV	139.8160, -17.1643, 92.2464
Hunter-Lab	53.1682, 55.1857, 18.7990

Details

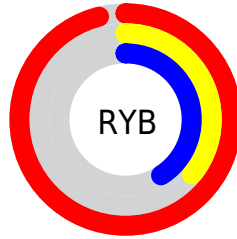
The YIQ color **139.8160, 86.7400, 35.9560** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **198.1840, -86.7400, -35.9560**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4920, 60.9290, 24.6490**, and **79.5260, 81.9250, 40.6210** is the 20% darker color. If you saturate the color by 10%, you get **122.6330, 100.6770, 42.1890**, and if you desaturate by 10%, it is **156.5260, 72.7570, 30.5570**.

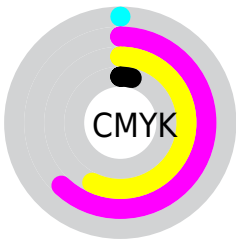
Distribution



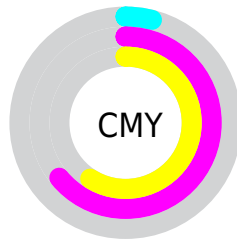
- Red (96%)
- Green (36%)
- Blue (41%)



- Red (96%)
- Yellow (36%)
- Blue (41%)



- Cyan (0%)
- Magenta (62%)
- Yellow (57%)
- Black (4%)





- Cyan (4%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.8160, 86.7400, 35.9560 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 139.8160, 86.7400, 35.9560 by changing the saturation by 10% instead.


 139.8160, 86.7400,
35.9560


 139.8160, 86.7400,
35.9560


255.0000, -0.0000,
-0.0000


 110.7880, 83.9430,
37.0870


 181.4920, 60.9290,
24.6490


 79.5260, 81.9250,
40.6210


 201.5930, 44.2870,
17.8790

 49.6660, 78.7150,
43.7310

 221.8080, 27.3240,
11.4200

 38.4160, 67.2550,
31.1510

 242.0230, 10.3610,
4.9610

 27.5080, 54.8320,
19.5040

 19.7770, 37.7770,
14.7130

 9.0840, 17.5590,

6.6710

■ 0.0000, 0.0000,
0.0000

■ 139.8160, 86.7400,
35.9560

■ 139.8160, 86.7400,
35.9560

■ 122.6330,
100.6770, 42.1890

■ 156.5260, 72.7570,
30.5570

■ 105.9230,
114.6600, 47.5880

■ 173.7090, 58.8200,
24.3240

■ 88.6260, 128.9180,
53.5100

■ 190.4190, 44.8370,
18.9250

■ 75.5350, 139.6000,
58.1600

■ 207.6020, 30.9000,
12.6920

■ 224.3120, 16.9170,
7.2930

■ 241.4950, 2.9800,
1.0600

■ 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



142.6450, 66.0130, 53.6690



139.8160, 86.7400, 35.9560



140.1640, 84.4990, 4.9710

Triad

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



139.8160, 86.7400, 35.9560



121.2090, -36.3030, -52.4550



120.6420, -124.7550, -2.2830

Complementary

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



139.8160, 86.7400, 35.9560



198.1840, -86.7400, -35.9560

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.



124.7050, -121.0390, -14.5670



139.8160, 86.7400, 35.9560



114.4960, -88.1590, -48.7910

Square

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



139.8160, 86.7400, 35.9560



132.9610, 28.9850, -46.2390



121.6950, -107.0520, -31.2760



143.3150, -47.9180, 31.4260

Rectangle

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



139.8160, 86.7400, 35.9560



138.6610, 74.8290, -18.0270



121.6950, -107.0520, -31.2760



122.7620, -125.2130, -4.9970

Sweetspot

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



139.8160, 86.7400, 35.9560



221.6940, 27.6450, 11.1090



151.8890, 34.0520, 76.7400



107.3120, 16.9170, 7.2930



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.



139.8160, 86.7400, 35.9560



124.2210, 107.8290, 44.7330



175.4290, 73.2670, -0.7250



113.7020, 6.8310, 2.8550



57.3240, 106.0410, 44.0970



18.2110, 33.5590, 14.0630

Inverse Universe

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



139.8160, 86.7400, 35.9560



124.2210, 107.8290, 44.7330



162.5710, -73.2670, 0.7250



113.7020, 6.8310, 2.8550



57.3240, 106.0410, 44.0970



18.2110, 33.5590, 14.0630

Previews

White Background



This preview shows how the YIQ color 139.8160, 86.7400, 35.9560 looks on a white background.

Color Contrast Check

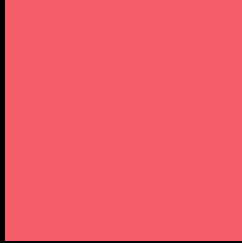
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.8160, 86.7400, 35.9560 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 139.8160, 86.7400, 35.9560

Background



This preview shows how black text looks on a background with the YIQ color 139.8160, 86.7400, 35.9560.



This preview shows how white text looks on a background with the YIQ color 139.8160, 86.7400,

35.9560.

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

139.8160, 86.7400, 35.9560

Protanopia

145.2690, 9.3080, -3.4920

Deuteranopia

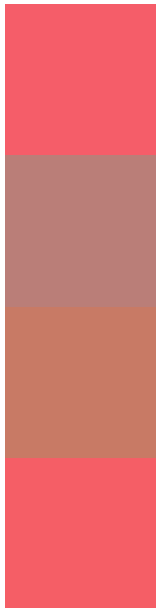
144.7910, 34.0210, -5.3310



Tritanopia

139.8330, 88.0700, 33.8780

Trichromacy



Original Color

139.8160, 86.7400, 35.9560

Protanomaly

143.2560, 37.6860, 10.8540

Deuteranomaly

142.9280, 53.2290, 10.0050

Tritanomaly

140.0610, 87.4280, 34.5000

Monochromacy



Original Color

139.8160, 86.7400, 35.9560

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9010, 31.4960, 12.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.8160, 86.7400, 35.9560 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(245, 93, 105)` looks like.

```
.text, #text, p{  
    color:rgb(245, 93, 105)  
}
```

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(245, 93, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 93, 105) }
```

Border

The CSS property to change the border of an element to YIQ 139.8160, 86.7400, 35.9560 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(245, 93, 105) }
```


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

```
.border{ border-color:rgb(245, 93, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 93, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 93, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 93, 105); box-shadow:4px 4px 4px 4px rgb(245, 93, 105) }
```

Background

The CSS property to change the background color of an element to YIQ 139.8160, 86.7400, 35.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 93, 105) }
```

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

```
.background{ background-color: rgb(245, 93,  
105) }
```

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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