

Converting Colors

YIQ(137.7330, 85.7760, 42.4160)

Have a look what the booklet for
YIQ(137.7330, 85.7760, 42.4160)
contains.

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Color

**YIQ(137.7330, 85.7760,
42.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	F65773
RGB	246, 87, 115
RGB Percent	96%, 34%, 45%
CMY	0.0349, 0.6590, 0.5487
CMYK	0.00, 0.65, 0.53, 0.03
HSL	349°, 90%, 65%
HSV	349°, 65%, 97%
XYZ	44.5434, 27.6563, 19.2347
YIQ	137.7330, 85.7760, 42.4160

Conversions

Conversions Part 2

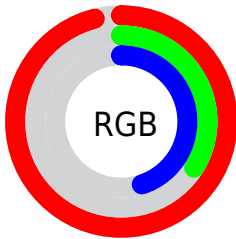
Format	Color
R _Y B	246, 87, 115
Decimal	16144243
CIE Lab	59.58, 62.61, 18.08
CIE LCh	60, 65.172, 16.111
Yxy	27.6563, 0.4872, 0.3025
Android (android.graphics.Color)	4294334323 (0xFFFF65773)
YUV	137.7330, -11.2074, 94.9502
Hunter-Lab	52.5893, 59.1592, 15.1270

Details

The YIQ color **137.7330, 85.7760, 42.4160** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **195.2670, -85.7760, -42.4160**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.8110, 58.7730, 30.6850**, and **72.6330, 83.4820, 50.9540** is the 20% darker color. If you saturate the color by 10%, you get **120.7780, 99.0710, 49.2710**, and if you desaturate by 10%, it is **154.6880, 72.4810, 35.5610**.

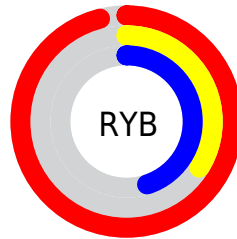
Distribution



Red (96%)

Green (34%)

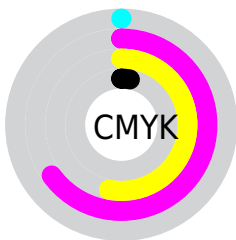
Blue (45%)



Red (96%)

Yellow (34%)

Blue (45%)

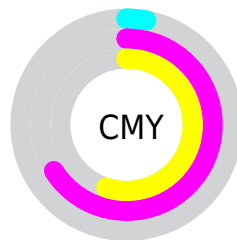


Cyan (0%)

Magenta (65%)

Yellow (53%)

Black (3%)



Cyan (3%)


Magenta (66%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.7330, 85.7760, 42.4160 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 137.7330, 85.7760, 42.4160 by changing the saturation by 10% instead.


 137.7330, 85.7760,
42.4160


 137.7330, 85.7760,
42.4160


255.0000, -0.0000,
-0.0000


 108.1180, 83.2540,
44.0700


 179.8110, 58.7730,
30.6850

 72.6330, 83.4820,
50.9540


 199.9120, 42.1310,
23.9150


 50.9910, 76.4220,
46.7420

 220.1270, 25.1680,
17.4560

 39.7410, 64.9620,
34.1620

 240.3420, 8.2050,
10.9970

 28.1060, 56.0240,
19.9280

 20.0760, 38.3730,
14.9250

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 137.7330, 85.7760,
42.4160

■ 137.7330, 85.7760,
42.4160

■ 120.7780, 99.0710,
49.2710

■ 154.6880, 72.4810,
35.5610

■ 104.4100,
112.0910, 55.6030

■ 171.1700, 59.1400,
29.5400

■ 87.3410, 125.7070,
62.1470

■ 188.1250, 45.8450,
22.6850

■ 78.5700, 132.4920,
65.8360

■ 204.4930, 32.8250,
16.3530

■ 221.4480, 19.5300,
9.4980

238.5170, 5.9140,
2.9540

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.



142.2190, 58.5850, 56.1290



137.7330, 85.7760, 42.4160



138.6470, 87.7530, 12.0810

Triad

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



137.7330, 85.7760, 42.4160



123.4190, -19.3390, -51.5230



121.8160, -125.3050, -3.3290

Complementary

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



137.7330, 85.7760, 42.4160



195.2670, -85.7760, -42.4160

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.



123.6790, -118.1500, -17.3660



137.7330, 85.7760, 42.4160



111.6120, -82.7940, -52.4100

Square

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



137.7330, 85.7760, 42.4160



130.7360, 42.7400, -47.7240



119.6260, -102.6040, -34.7960



135.6650, -69.6950, 24.1050

Rectangle

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



137.7330, 85.7760, 42.4160



137.5140, 79.9170, -11.1150



119.6260, -102.6040, -34.7960



123.3660, -124.1580, -7.5980

Sweetspot

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



137.7330, 85.7760, 42.4160



222.2640, 26.0400, 12.6640



143.9960, 26.4410, 77.0090



107.5400, 16.2750, 7.9150



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.



137.7330, 85.7760, 42.4160



119.4910, 107.3690, 53.0730



163.8910, 81.0140, 7.5580



113.8160, 6.5100, 3.1660



59.3760, 100.2630, 49.6950



18.7810, 31.9540, 15.6180

Inverse Universe

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



137.7330, 85.7760, 42.4160



119.4910, 107.3690, 53.0730



169.1090, -81.0140, -7.5580



113.8160, 6.5100, 3.1660



59.3760, 100.2630, 49.6950



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 137.7330, 85.7760, 42.4160 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 137.7330, 85.7760, 42.4160 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 137.7330, 85.7760, 42.4160

Background



This preview shows how black text looks on a background with the YIQ color 137.7330, 85.7760, 42.4160.



This preview shows how white text looks on a background with the YIQ color 137.7330, 85.7760,

42.4160.

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

137.7330, 85.7760, 42.4160

Protanopia

143.8970, 1.7880, 0.6360

Deuteranopia

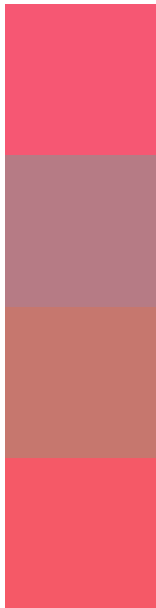
144.0340, 29.0230, -2.8570



Tritanopia

137.0290, 90.4540, 34.7260

Trichromacy



Original Color

137.7330, 85.7760, 42.4160

Protanomaly

141.7810, 31.9540, 15.6180

Deuteranomaly

141.5950, 49.9730, 13.9490

Tritanomaly

137.2400, 88.4820, 37.4260

Monochromacy



Original Color

137.7330, 85.7760, 42.4160

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.5960, 31.0370, 15.7170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7330, 85.7760, 42.4160 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, 87, 115)` looks like.

```
.text, #text, p{  
    color:rgb(246, 87, 115)  
}
```

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, 87, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 87, 115) }
```

Border

The CSS property to change the border of an element to YIQ 137.7330, 85.7760, 42.4160 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, 87, 115) }
```


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

```
.border{ border-color:rgb(246, 87, 115) }
```

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

Here you see how a box with a 4 pixel rgb(246, 87, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 87, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 87, 115);  
box-shadow:4px 4px 4px 4px rgb(246, 87,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7330, 85.7760, 42.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 87, 115) }
```

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

```
.background{ background-color: rgb(246, 87,  
115) }
```

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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