

Converting Colors

YIQ(135.8840, 74.8650, 36.4090)

Have a look what the booklet for
YIQ(135.8840, 74.8650, 36.4090)
contains.

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Color

**YIQ(135.8840, 74.8650,
36.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	E65C73
RGB	230, 92, 115
RGB Percent	90%, 36%, 45%
CMY	0.0977, 0.6394, 0.5487
CMYK	0.00, 0.60, 0.50, 0.10
HSL	350°, 73%, 63%
HSV	350°, 60%, 90%
XYZ	39.5819, 25.7212, 19.1196
YIQ	135.8840, 74.8650, 36.4090

Conversions

Conversions Part 2

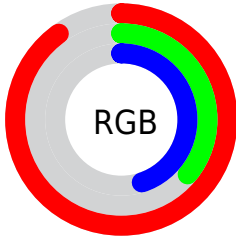
Format	Color
R_{YB}	230, 92, 115
Decimal	15096947
CIE _{Lab}	57.77, 55.40, 15.20
CIE _{LCh}	58, 57.450, 15.338
Yxy	25.7212, 0.4689, 0.3047
Android (android.graphics.Color)	4293287027 (0xFFE65C73)
YUV	135.8840, -10.2958, 82.5397
Hunter-Lab	50.7160, 50.5594, 13.1493

Details

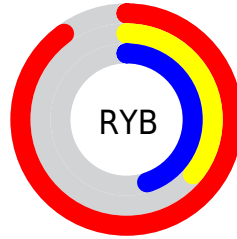
The YIQ color **135.8840, 74.8650, 36.4090** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **186.1160, -74.8650, -36.4090**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5720, 57.9480, 29.1160**, and **77.5400, 70.1420, 39.4060** is the 20% darker color. If you saturate the color by 10%, you get **120.2170, 87.2890, 42.5290**, and if you desaturate by 10%, it is **151.5510, 62.4410, 30.2890**.

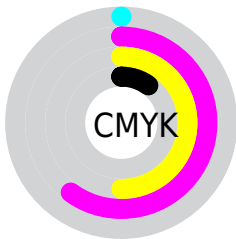
Distribution



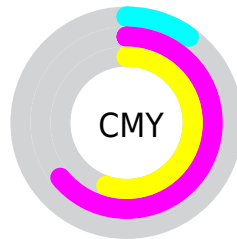
- Red (90%)
- Green (36%)
- Blue (45%)



- Red (90%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (60%)
- Yellow (50%)
- Black (10%)





- Cyan (10%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.8840, 74.8650, 36.4090 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 135.8840, 74.8650, 36.4090 by changing the saturation by 10% instead.


 135.8840, 74.8650,
36.4090


 135.8840, 74.8650,
36.4090


255.0000, -0.0000,
-0.0000


 107.7420, 72.3890,
37.2290


 181.5720, 57.9480,
29.1160


 77.5400, 70.1420,
39.4060


 201.6730, 41.3060,
22.3460


 46.9900, 68.9950,
43.6750

 221.3010, 24.6180,
16.4100

 35.7400, 57.5350,
31.0950

 241.5160, 7.6550,
9.9510

 24.5180, 48.8720,
17.3840

 16.3740, 31.5420,
12.0700

 2.0930, 4.1720,

1.4840

■ 0.0000, 0.0000,
0.0000

■ 135.8840, 74.8650,
36.4090

■ 135.8840, 74.8650,
36.4090

■ 120.2170, 87.2890,
42.5290

■ 151.5510, 62.4410,
30.2890

■ 104.5500, 99.7130,
48.6490

■ 167.2180, 50.0170,
24.1690

■ 88.8830, 112.1370,
54.7690

■ 182.9990, 37.2720,
18.3600

■ 73.2160, 124.5610,
60.8890

■ 198.6660, 24.8480,
12.2400

■ 214.3330, 12.4240,
6.1200

■ 230.0000, -0.0000,
0.0000

■ 245.6670,
-12.4240, -6.1200

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



139.5720, 49.9210, 47.9450



135.8840, 74.8650, 36.4090



135.5580, 77.7580, 11.5020

Triad

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



135.8840, 74.8650, 36.4090



122.7990, -14.2970, -43.7770



115.5410, -117.2810, -5.5770

Complementary

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



135.8840, 74.8650, 36.4090



186.1160, -74.8650, -36.4090

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.



117.7460, -111.0890, -18.6810



135.8840, 74.8650, 36.4090



107.2750, -80.2270, -49.3710

Square

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



135.8840, 74.8650, 36.4090



129.6940, 34.5310, -36.6130



114.3770, -97.4690, -34.2450



133.6460, -59.5160, 21.3480

Rectangle

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



135.8840, 74.8650, 36.4090



134.9460, 70.0130, -7.8350



114.3770, -97.4690, -34.2450



117.2050, -116.4550, -9.5350

Sweetspot

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



135.8840, 74.8650, 36.4090



223.6660, 24.8480, 12.2400



141.5190, 23.0500, 66.8740



108.2410, 15.6790, 7.7030



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.



135.8840, 74.8650, 36.4090



129.5500, 99.7130, 48.6490



159.0900, 70.1480, 6.2440



106.8160, 6.5100, 3.1660



56.9410, 97.0540, 47.2780



16.2750, 27.5070, 13.6110

Inverse Universe

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



135.8840, 74.8650, 36.4090



129.5500, 99.7130, 48.6490



162.9100, -70.1480, -6.2440



106.8160, 6.5100, 3.1660



56.9410, 97.0540, 47.2780



16.2750, 27.5070, 13.6110

Previews

White Background



This preview shows how the YIQ color 135.8840, 74.8650, 36.4090 looks on a white background.

Color Contrast Check

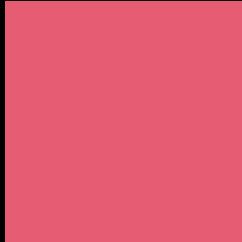
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8840, 74.8650, 36.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

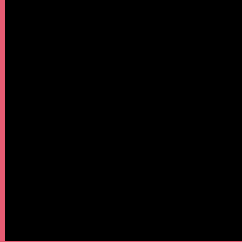
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.8840, 74.8650, 36.4090

Background



This preview shows how black text looks on a background with the YIQ color 135.8840, 74.8650, 36.4090.



This preview shows how white text looks on a background with the YIQ color 135.8840, 74.8650,

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

135.8840, 74.8650, 36.4090

Protanopia

139.8970, 1.7880, 0.6360

Deuteranopia

139.8210, 25.3090, -1.6270



Tritanopia

135.7500, 77.9380, 30.2740

Trichromacy



Original Color

135.8840, 74.8650, 36.4090

Protanomaly

138.4600, 28.4240, 13.5120

Deuteranomaly

138.4200, 43.0960, 11.9280

Tritanomaly

135.7330, 76.6080, 32.3520

Monochromacy



Original Color

135.8840, 74.8650, 36.4090

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.8620, 27.2320, 13.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.8840, 74.8650, 36.4090 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(230, 92, 115)` looks like.

```
.text, #text, p{  
    color:rgb(230, 92, 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(230, 92, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 92, 115) }
```

Border

The CSS property to change the border of an element to YIQ 135.8840, 74.8650, 36.4090 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(230, 92, 115) }
```


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

```
.border{ border-color:rgb(230, 92, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 92, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 92, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 92, 115);  
box-shadow:4px 4px 4px 4px rgb(230, 92,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 135.8840, 74.8650, 36.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 92, 115) }
```

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

```
.background{ background-color: rgb(230, 92,  
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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