

Converting Colors

YIQ(127.1340, 86.3250, 48.9890)

Have a look what the booklet for
YIQ(127.1340, 86.3250, 48.9890)
contains.

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Color

**YIQ(127.1340, 86.3250,
48.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	F04873
RGB	240, 72, 115
RGB Percent	94%, 28%, 45%
CMY	0.0584, 0.7179, 0.5487
CMYK	0.00, 0.70, 0.52, 0.06
HSL	345°, 85%, 61%
HSV	345°, 70%, 94%
XYZ	41.3840, 24.4095, 18.7738
YIQ	127.1340, 86.3250, 48.9890

Conversions

Conversions Part 2

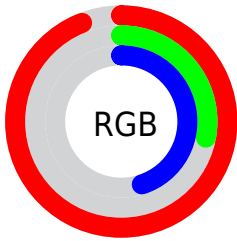
Format	Color
R_{YB}	240, 72, 115
Decimal	15747187
CIE _{Lab}	56.50, 66.49, 13.68
CIE _{LCh}	56, 67.878, 11.623
Yxy	24.4095, 0.4894, 0.2886
Android (android.graphics.Color)	4293937267 (0xFFFF04873)
YUV	127.1340, -5.9821, 98.9835
Hunter-Lab	49.4060, 63.0565, 12.0546

Details

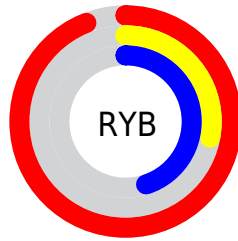
The YIQ color **127.1340, 86.3250, 48.9890** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **184.8660, -86.3250, -48.9890**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.1800, 62.3480, 37.4840**, and **60.8600, 84.5810, 58.5730** is the 20% darker color. If you saturate the color by 10%, you get **110.9940, 98.7030, 55.9430**, and if you desaturate by 10%, it is **143.2740, 73.9470, 42.0350**.

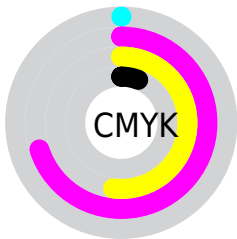
Distribution



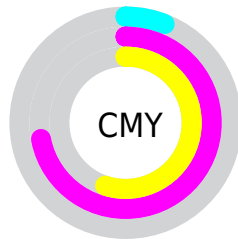
- Red (94%)
- Green (28%)
- Blue (45%)



- Red (94%)
- Yellow (28%)
- Blue (45%)



- Cyan (0%)
- Magenta (70%)
- Yellow (52%)
- Black (6%)





- Cyan (6%)
- Magenta (72%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.1340, 86.3250, 48.9890 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 127.1340, 86.3250, 48.9890 by changing the saturation by 10% instead.


 127.1340, 86.3250,
48.9890


 127.1340, 86.3250,
48.9890


255.0000, -0.0000,
-0.0000


 94.5840, 85.1780,
53.2580


 172.1800, 62.3480,
37.4840


 60.9740, 84.2600,
58.8840


 192.2810, 45.7060,
30.7140


 49.1970, 72.8460,
45.4700

 212.4960, 28.7430,
24.2550

 37.9470, 61.3860,
32.8900

 232.7110, 11.7800,
17.7960

 26.4260, 52.1270,
18.9670

 250.8910, 1.9250,
3.6610

 17.5700, 33.9260,
12.9180

 5.6810, 11.3240,

4.0280

■ 0.0000, 0.0000,
0.0000

■ 127.1340, 86.3250,
48.9890

■ 127.1340, 86.3250,
48.9890

■ 110.9940, 98.7030,
55.9430

■ 143.2740, 73.9470,
42.0350

■ 94.8540, 111.0810,
62.8970

■ 159.4140, 61.5690,
35.0810

■ 78.8280, 123.1380,
70.1620

■ 175.5540, 49.1910,
28.1270

■ 191.5800, 37.1340,
20.8620

■ 207.7200, 24.7560,
13.9080

223.8600, 12.3780,
6.9540

240.0000, -0.0000,
-0.0000

250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



133.1740, 54.4580, 59.3380



127.1340, 86.3250, 48.9890



128.6030, 91.0530, 18.3570

Triad

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



127.1340, 86.3250, 48.9890



115.9270, -9.2060, -53.4460



117.4960, -121.4080, -2.3680

Complementary

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



127.1340, 86.3250, 48.9890



184.8660, -86.3250, -48.9890

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.



118.2020, -112.3730, -17.4370



127.1340, 86.3250, 48.9890



104.8640, -74.8160, -53.8240

Square

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



127.1340, 86.3250, 48.9890



124.6380, 46.1320, -43.1160



113.1060, -95.2680, -35.5880



111.2620, -111.4610, 10.0990

Rectangle

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



127.1340, 86.3250, 48.9890



129.1450, 85.5100, -7.8500



113.1060, -95.2680, -35.5880



118.8180, -119.6190, -7.2590

Sweetspot

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



127.1340, 86.3250, 48.9890



218.7420, 27.6900, 15.8020



127.9290, 19.3800, 78.3240



106.4800, 16.5040, 9.2720



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.



127.1340, 86.3250, 48.9890



111.2560, 109.8890, 62.4730



145.1250, 89.4030, 15.2190



111.9300, 6.1890, 3.4770



60.3740, 94.5770, 53.6250



18.3400, 28.8820, 16.2260

Inverse Universe

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



127.1340, 86.3250, 48.9890



111.2560, 109.8890, 62.4730



166.8750, -89.4030, -15.2190



111.9300, 6.1890, 3.4770



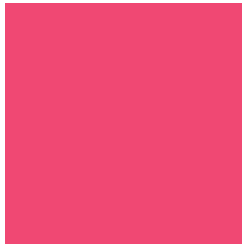
60.3740, 94.5770, 53.6250



18.3400, 28.8820, 16.2260

Previews

White Background



This preview shows how the YIQ color 127.1340, 86.3250, 48.9890 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 127.1340, 86.3250, 48.9890 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 127.1340, 86.3250, 48.9890

Background



This preview shows how black text looks on a background with the YIQ color 127.1340, 86.3250, 48.9890.



This preview shows how white text looks on a background with the YIQ color 127.1340, 86.3250,

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

127.1340, 86.3250, 48.9890

Protanopia

136.4820, -4.1730, 4.0430

Deuteranopia

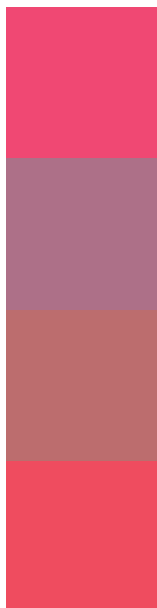
136.0490, 24.6670, -1.0050



Tritanopia

126.9970, 93.4800, 34.9520

Trichromacy



Original Color

127.1340, 86.3250, 48.9890

Protanomaly

132.9750, 28.6520, 20.3960

Deuteranomaly

132.7350, 46.7630, 17.0590

Tritanomaly

126.9030, 91.0490, 40.4650

Monochromacy



Original Color

127.1340, 86.3250, 48.9890

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0630, 31.2200, 17.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.1340, 86.3250, 48.9890 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(240, 72, 115)` looks like.

```
.text, #text, p{  
    color:rgb(240, 72, 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(240, 72, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 72, 115) }
```

Border

The CSS property to change the border of an element to YIQ 127.1340, 86.3250, 48.9890 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(240, 72, 115) }
```


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

```
.border{ border-color:rgb(240, 72, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 72, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 72, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 72, 115);  
box-shadow:4px 4px 4px 4px rgb(240, 72,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 127.1340, 86.3250, 48.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 72, 115) }
```

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

```
.background{ background-color: rgb(240, 72,  
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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