

Converting Colors

YIQ(84.7060, 117.9100, 76.8060)

Have a look what the booklet for
YIQ(84.7060, 117.9100, 76.8060)
contains.

YIQ(84.7060, 117.9100, 76.8060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(84.7060, 117.9100,
76.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	F50355
RGB	245, 3, 85
RGB Percent	96%, 1%, 33%
CMY	0.0386, 0.9884, 0.6663
CMYK	0.00, 0.99, 0.65, 0.04
HSL	340°, 98%, 49%
HSV	340°, 99%, 96%
XYZ	39.3872, 20.1617, 10.4315
YIQ	84.7060, 117.9100, 76.8060

Conversions

Conversions Part 2

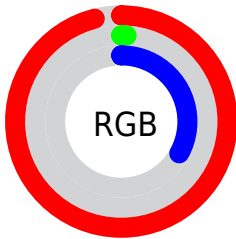
Format	Color
R_{YB}	245, 3, 85
Decimal	16057173
CIE _{Lab}	52.02, 79.58, 25.76
CIE _{LCh}	52, 83.649, 17.936
Yxy	20.1617, 0.5628, 0.2881
Android (android.graphics.Color)	4294247253 (0xFFFF50355)
YUV	84.7060, 0.1449, 140.5778
Hunter-Lab	44.9018, 77.9998, 17.6571

Details

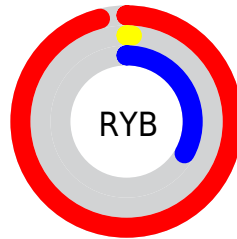
The YIQ color **84.7060, 117.9100, 76.8060** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **163.2940, -117.9100, -76.8060**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4600, 82.2910, 45.0030**, and **58.4940, 94.1190, 50.9110** is the 20% darker color. If you saturate the color by 10%, you get **82.7170, 119.3770, 77.7530**, and if you desaturate by 10%, it is **100.6180, 106.1740, 69.2300**.

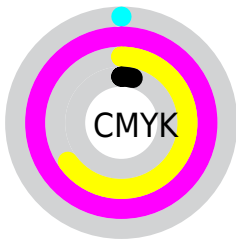
Distribution



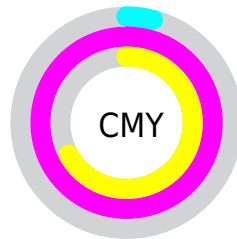
- Red (96%)
- Green (1%)
- Blue (33%)



- Red (96%)
- Yellow (1%)
- Blue (33%)



- Cyan (0%)
- Magenta (99%)
- Yellow (65%)
- Black (4%)





- Cyan (4%)
- Magenta (99%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.7060, 117.9100, 76.8060 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 84.7060, 117.9100, 76.8060 by changing the saturation by 10% instead.


 84.7060, 117.9100,
76.8060


 84.7060, 117.9100,
76.8060


255.0000, -0.0000,
-0.0000


 70.7550, 107.0460,
64.4380


 148.4600, 82.2910,
45.0030


 58.4940, 94.1190,
50.9110


 169.6210, 65.4200,
36.8760


 46.7600, 81.1460,
38.2180


 190.3090, 48.5030,
29.5830

 35.2110, 69.0900,
25.4260

 211.6980, 30.9900,
22.0780

 26.1700, 49.9720,
19.4760

 232.5000, 13.7520,
15.0960

 16.3740, 31.5420,
12.0700

 252.0650, 1.3750,

 1.4950, 2.9800,

2.6150

1.0600

■ 0.0000, 0.0000,
0.0000

■ 84.7060, 117.9100,
76.8060

■ 84.7060, 117.9100,
76.8060

■ 82.7170, 119.3770,
77.7530

■ 100.6180,
106.1740, 69.2300

■ 117.2310, 93.8420,
61.4420

■ 133.7300, 81.8310,
53.3430

■ 149.6420, 70.0950,
45.7670

■ 166.1410, 58.0840,
37.6680

■ 182.0530, 46.3480,
30.0920

■ 198.6660, 34.0160,
22.3040

■ 214.5780, 22.2800,
14.7280

■ 231.0770, 10.2690,
6.6290

Harmonies

Analogous

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



94.7940, 86.0880, 91.8480



84.7060, 117.9100, 76.8060



109.0980, 111.2280, 10.6520

Triad

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



84.7060, 117.9100, 76.8060



85.7020, -40.1500, -76.3580



111.8370, -120.6300, 5.5620

Complementary

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



84.7060, 117.9100, 76.8060



163.2940, -117.9100, -76.8060

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.



115.4440, -115.6300, -7.9660



84.7060, 117.9100, 76.8060



99.7120, -71.3320, -50.8840

Square

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



84.7060, 117.9100, 76.8060



111.8470, 29.3060, -46.5500



109.4360, -95.9570, -28.6050



98.3360, -114.3050, 17.5910

Rectangle

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



84.7060, 117.9100, 76.8060



116.1080, 86.9320, -11.5960



109.4360, -95.9570, -28.6050



114.7720, -122.0050, 2.9470

Sweetspot

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



84.7060, 117.9100, 76.8060



204.5740, 37.2710, 23.8870



77.5310, 15.8900, 108.5460



97.4640, 22.6010, 14.4170



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.



84.7060, 117.9100, 76.8060



86.0490, 124.3740, 80.8060



96.4900, 134.3320, 32.4760



114.0440, 5.8680, 3.7880



62.7960, 90.6330, 59.0250



19.9210, 28.7440, 18.7280

Inverse Universe

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



84.7060, 117.9100, 76.8060



86.0490, 124.3740, 80.8060



151.5100, -134.3320, -32.4760



114.0440, 5.8680, 3.7880



62.7960, 90.6330, 59.0250



19.9210, 28.7440, 18.7280

Previews

White Background



This preview shows how the YIQ color 84.7060, 117.9100, 76.8060 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 84.7060, 117.9100, 76.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

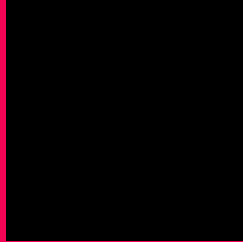
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 84.7060, 117.9100, 76.8060

Background



This preview shows how black text looks on a background with the YIQ color 84.7060, 117.9100, 76.8060.



This preview shows how white text looks on a background with the YIQ color 84.7060, 117.9100,

76.8060.

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

84.7060, 117.9100, 76.8060

Protanopia

125.8970, 1.7880, 0.6360

Deuteranopia

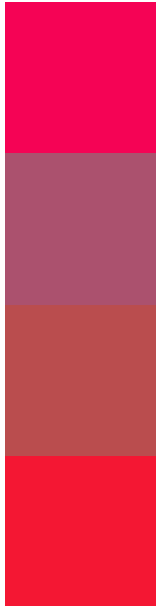
124.3240, 33.8380, -7.5220



Tritanopia

96.4480, 126.1230, 43.5870

Trichromacy



Original Color

84.7060, 117.9100, 76.8060

Protanomaly

111.2160, 44.3310, 28.0990

Deuteranomaly

109.7050, 64.6430, 23.4190

Tritanomaly

92.2710, 122.7280, 55.5600

Monochromacy



Original Color

84.7060, 117.9100, 76.8060

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.7320, 42.8180, 27.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.7060, 117.9100, 76.8060 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, 3, 85)` looks like.

```
.text, #text, p{  
    color:rgb(245, 3, 85)  
}
```

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, 3, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 3, 85) }
```

Border

The CSS property to change the border of an element to YIQ 84.7060, 117.9100, 76.8060 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, 3, 85) }
```


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

```
.border{ border-color:rgb(245, 3, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 3, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 3, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 3, 85);  
box-shadow:4px 4px 4px 4px rgb(245, 3, 85)  
}
```

Background

The CSS property to change the background color of an element to YIQ 84.7060, 117.9100, 76.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 3, 85) }
```

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

```
.background{ background-color: rgb(245, 3,  
85) }
```

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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