

Converting Colors

YIQ(85.4740, 124.3750, 75.2790)

Have a look what the booklet for
YIQ(85.4740, 124.3750, 75.2790)
contains.

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Color

**YIQ(85.4740, 124.3750,
75.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	FB034C
RGB	251, 3, 76
RGB Percent	98%, 1%, 30%
CMY	0.0151, 0.9884, 0.7015
CMYK	0.00, 0.99, 0.70, 0.02
HSL	342°, 98%, 50%
HSV	342°, 99%, 98%
XYZ	41.1819, 21.1256, 8.7649
YIQ	85.4740, 124.3750, 75.2790

Conversions

Conversions Part 2

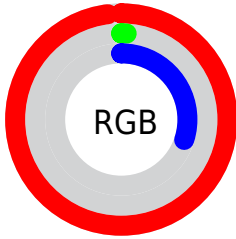
Format	Color
RYB	251, 3, 76
Decimal	16450380
CIELab	53.09, 80.56, 32.76
CIElCh	53, 86.967, 22.128
Yxy	21.1256, 0.5794, 0.2972
Android (android.graphics.Color)	4294640460 (0xFFFB034C)
YUV	85.4740, -4.6707, 145.1663
Hunter-Lab	45.9626, 79.4994, 20.8674

Details

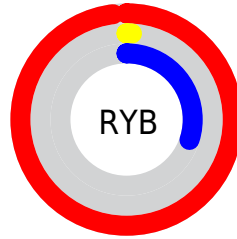
The YIQ color **85.4740, 124.3750, 75.2790** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **168.5260, -124.3750, -75.2790**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0210, 84.9050, 41.6810**, and **59.0770, 99.6670, 49.4830** is the 20% darker color. If you saturate the color by 10%, you get **83.4850, 125.8420, 76.2260**, and if you desaturate by 10%, it is **102.2010, 111.7220, 67.8020**.

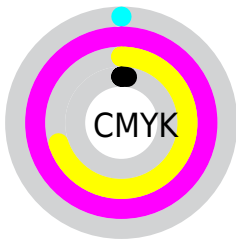
Distribution



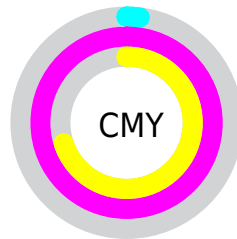
- Red (98%)
- Green (1%)
- Blue (30%)



- Red (98%)
- Yellow (1%)
- Blue (30%)



- Cyan (0%)
- Magenta (99%)
- Yellow (70%)
- Black (2%)





- Cyan (2%)
- Magenta (99%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.4740, 124.3750, 75.2790 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 85.4740, 124.3750, 75.2790 by changing the saturation by 10% instead.


 85.4740, 124.3750,
75.2790


 85.4740, 124.3750,
75.2790


255.0000, -0.0000,
-0.0000


 71.3380, 112.5940,
63.0100


 148.0210, 84.9050,
41.6810


 59.3760, 100.2630,
49.6950


 169.0680, 68.3550,
33.2430


 47.2290, 87.0150,
36.4790

 190.3430, 51.1630,
25.4270

 36.4070, 71.4740,
26.2740

 211.1450, 33.9250,
18.4450

 27.3660, 52.3560,
20.3240

 232.5340, 16.4120,
10.9400

 17.5700, 33.9260,
12.9180

 252.6520, 1.1000,

 5.3820, 10.7280,

2.0920

3.8160

■ 0.0000, 0.0000,
0.0000

■ 85.4740, 124.3750,
75.2790

■ 85.4740, 124.3750,
75.2790

■ 83.4850, 125.8420,
76.2260

■ 102.2010,
111.7220, 67.8020

■ 118.9280, 99.0690,
60.3250

■ 135.5410, 86.7370,
52.5370

■ 152.2680, 74.0840,
45.0600

■ 169.5820, 61.1560,
37.0600

■ 186.1950, 48.8240,
29.2720

■ 202.9220, 36.1710,
21.7950

■ 219.6490, 23.5180,
14.3180

■ 236.3760, 10.8650,
6.8410

Harmonies

Analogous

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



90.3550, 97.8700, 98.5900



85.4740, 124.3750, 75.2790



112.7510, 110.5870, 5.7470

Triad

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



85.4740, 124.3750, 75.2790



89.6630, -44.4140, -76.1740



113.0110, -121.1800, 4.5160

Complementary

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



85.4740, 124.3750, 75.2790



168.5260, -124.3750, -75.2790

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.



118.9150, -121.2700, -4.8700



85.4740, 124.3750, 75.2790



103.4280, -76.2840, -49.2440

Square

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



85.4740, 124.3750, 75.2790



111.7920, 21.9710, -51.2850



113.4940, -101.8720, -26.0320



110.3180, -87.5310, 27.9650

Rectangle

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



85.4740, 124.3750, 75.2790



119.0320, 84.0900, -15.1580



113.4940, -101.8720, -26.0320



115.9460, -122.5550, 1.9010

Sweetspot

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



85.4740, 124.3750, 75.2790



204.2320, 38.2340, 22.9540



83.2980, 24.0960, 114.0160



97.2360, 23.2430, 13.7950



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.



85.4740, 124.3750, 75.2790



84.7950, 127.9050, 77.3850



106.5020, 134.0580, 26.4260



116.3430, 6.4640, 4.0000



62.8950, 94.6680, 57.4840



20.2910, 30.5780, 18.5300

Inverse Universe

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



85.4740, 124.3750, 75.2790



84.7950, 127.9050, 77.3850



148.0850, -134.3330, -26.9490



116.3430, 6.4640, 4.0000



62.8950, 94.6680, 57.4840



20.2910, 30.5780, 18.5300

Previews

White Background



This preview shows how the YIQ color 85.4740, 124.3750, 75.2790 looks on a white background.

Color Contrast Check

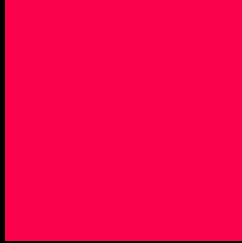
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.4740, 124.3750, 75.2790 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 85.4740, 124.3750, 75.2790

Background



This preview shows how black text looks on a background with the YIQ color 85.4740, 124.3750, 75.2790.



This preview shows how white text looks on a background with the YIQ color 85.4740, 124.3750,

75.2790.

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

85.4740, 124.3750, 75.2790

Protanopia

128.0840, 8.3910, -3.3930

Deuteranopia

126.1520, 40.0740, -10.4060



Tritanopia

95.7970, 132.4500, 44.5620

Trichromacy



Original Color

85.4740, 124.3750, 75.2790



Protanomaly

113.0440, 50.5670, 25.2150



Deuteranomaly

111.5330, 70.8790, 20.5350



Tritanomaly

92.0930, 129.1010, 55.7010

Monochromacy



Original Color

85.4740, 124.3750, 75.2790



Achromatopsia

85.0000, -0.0000, 0.0000



Achromatomaly

84.9880, 44.9730, 27.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.4740, 124.3750, 75.2790 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(251, 3, 76)` looks like.

```
.text, #text, p{  
    color:rgb(251, 3, 76)  
}
```

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(251, 3, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 3, 76) }
```

Border

The CSS property to change the border of an element to YIQ 85.4740, 124.3750, 75.2790 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(251, 3, 76) }
```


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

```
.border{ border-color:rgb(251, 3, 76) }
```

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

Here you see how a box with a 4 pixel rgb(251, 3, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 3, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 3, 76);  
box-shadow:4px 4px 4px 4px rgb(251, 3, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 85.4740, 124.3750, 75.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 3, 76) }
```

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

```
.background{ background-color: rgb(251, 3,  
76) }
```

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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