

Converting Colors

YIQ(88.7130, 116.0320, 66.7840)

Have a look what the booklet for
YIQ(88.7130, 116.0320, 66.7840)
contains.

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Color

**YIQ(88.7130, 116.0320,
66.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	F10E4A
RGB	241, 14, 74
RGB Percent	95%, 5%, 29%
CMY	0.0543, 0.9453, 0.7094
CMYK	0.00, 0.94, 0.69, 0.05
HSL	344°, 89%, 50%
HSV	344°, 94%, 95%
XYZ	37.7213, 19.5341, 8.2795
YIQ	88.7130, 116.0320, 66.7840

Conversions

Conversions Part 2

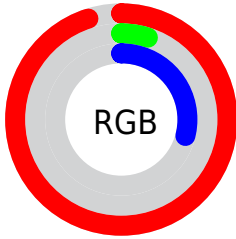
Format	Color
RYB	241, 14, 74
Decimal	15797834
CIELab	51.31, 77.33, 31.31
CIElCh	51, 83.426, 22.046
Yxy	19.5341, 0.5756, 0.2981
Android (android.graphics.Color)	4293987914 (0xFFFF10E4A)
YUV	88.7130, -7.2535, 133.5557
Hunter-Lab	44.1973, 74.9997, 19.8313

Details

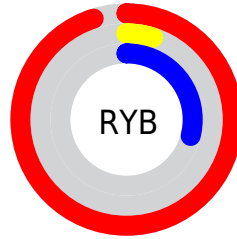
The YIQ color **88.7130, 116.0320, 66.7840** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **166.2870, -116.0320, -66.7840**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.6790, 85.8680, 40.7480**, and **56.1580, 94.9450, 46.9530** is the 20% darker color. If you saturate the color by 10%, you get **79.3550, 123.0920, 70.9960**, and if you desaturate by 10%, it is **104.8530, 103.6540, 59.8300**.

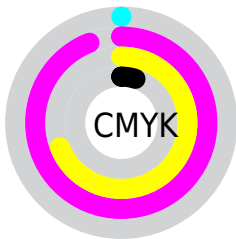
Distribution



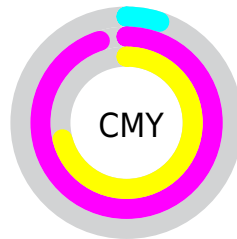
- Red (95%)
- Green (5%)
- Blue (29%)



- Red (95%)
- Yellow (5%)
- Blue (29%)



- Cyan (0%)
- Magenta (94%)
- Yellow (69%)
- Black (5%)





- Cyan (5%)
- Magenta (95%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.7130, 116.0320, 66.7840 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 88.7130, 116.0320, 66.7840 by changing the saturation by 10% instead.


 88.7130, 116.0320,
66.7840

 88.7130, 116.0320,
66.7840


255.0000, -0.0000,
-0.0000


 68.4190, 107.8720,
60.4800


 147.6790, 85.8680,
40.7480


 56.1580, 94.9450,
46.9530


 168.8400, 68.9970,
32.6210


 44.1960, 82.6140,
33.6380


 189.5280, 52.0800,
25.3280

 33.7160, 66.1100,
24.3660

 210.2160, 35.1630,
18.0350

 24.9740, 47.5880,
18.6280

 231.0180, 17.9250,
11.0530

 15.1780, 29.1580,
11.2220

 252.0650, 1.3750,

 0.0000, 0.0000,

2.6150

0.0000

■ 88.7130, 116.0320,
66.7840

■ 88.7130, 116.0320,
66.7840

■ 79.3550, 123.0920,
70.9960

■ 104.8530,
103.6540, 59.8300

■ 120.9930, 91.2760,
52.8760

■ 137.0190, 79.2190,
45.6110

■ 153.1590, 66.8410,
38.6570

■ 169.8860, 54.1880,
31.1800

■ 185.9120, 42.1310,
23.9150

■ 202.0520, 29.7530,
16.9610

■ 218.1920, 17.3750,
10.0070

■ 234.3320, 4.9970,
3.0530

Harmonies

Analogous

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



86.9800, 94.4320, 94.8160



88.7130, 116.0320, 66.7840



109.1850, 106.3690, 5.0970

Triad

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



88.7130, 116.0320, 66.7840



86.5970, -44.0480, -71.7920



109.4890, -119.5300, 7.6540

Complementary

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



88.7130, 116.0320, 66.7840



166.2870, -116.0320, -66.7840

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.



114.2530, -116.4100, -4.8420



88.7130, 116.0320, 66.7840



99.4500, -73.3500, -47.3500

Square

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



88.7130, 116.0320, 66.7840



107.9600, 21.5580, -49.3060



109.0600, -97.6540, -25.3820



108.5680, -85.2390, 30.4810

Rectangle

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



88.7130, 116.0320, 66.7840



115.1780, 80.7430, -15.0730



109.0600, -97.6540, -25.3820



112.4240, -120.9050, 5.0390

Sweetspot

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



88.7130, 116.0320, 66.7840



207.3950, 36.2170, 20.9610



89.8110, 26.6650, 106.0010



98.5240, 22.3720, 13.0600



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.



88.7130, 116.0320, 66.7840



83.9970, 130.1520, 75.2080



112.9840, 120.7170, 20.4050



111.9300, 6.1890, 3.4770



60.6020, 93.9350, 54.2470



18.4540, 28.5610, 16.5370

Inverse Universe

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



88.7130, 116.0320, 66.7840



83.9970, 130.1520, 75.2080



142.0160, -120.7170, -20.4050



111.9300, 6.1890, 3.4770



60.6020, 93.9350, 54.2470



18.4540, 28.5610, 16.5370

Previews

White Background



This preview shows how the YIQ color 88.7130, 116.0320, 66.7840 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 88.7130, 116.0320, 66.7840 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 88.7130, 116.0320, 66.7840

Background



This preview shows how black text looks on a background with the YIQ color 88.7130, 116.0320, 66.7840.



This preview shows how white text looks on a background with the YIQ color 88.7130, 116.0320,

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

88.7130, 116.0320, 66.7840

Protanopia

123.1980, 8.0700, -3.0820

Deuteranopia

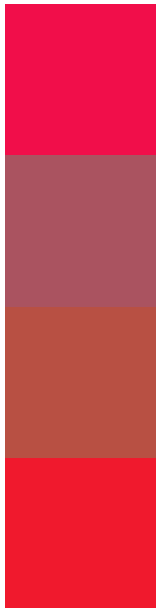
121.3090, 38.1940, -9.3740



Tritanopia

93.7360, 125.2520, 42.8520

Trichromacy



Original Color

88.7130, 116.0320, 66.7840

Protanomaly

110.4950, 47.6790, 22.4870

Deuteranomaly

109.6140, 66.1570, 18.0050

Tritanomaly

91.5650, 121.7200, 51.8000

Monochromacy



Original Color

88.7130, 116.0320, 66.7840

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.0260, 41.8100, 24.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.7130, 116.0320, 66.7840 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(241, 14, 74)` looks like.

```
.text, #text, p{  
    color:rgb(241, 14, 74)  
}
```

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(241, 14, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 14, 74) }
```

Border

The CSS property to change the border of an element to YIQ 88.7130, 116.0320, 66.7840 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(241, 14, 74) }
```


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

```
.border{ border-color:rgb(241, 14, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 14, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 14, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 14, 74);  
box-shadow:4px 4px 4px 4px rgb(241, 14,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 88.7130, 116.0320, 66.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 14, 74) }
```

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

```
.background{ background-color: rgb(241, 14,  
74) }
```

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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