

Converting Colors

YIQ(130.8060, 92.7000, 38.0760)

Have a look what the booklet for
YIQ(130.8060, 92.7000, 38.0760)
contains.

YIQ(130.8060, 92.7000, 38.0760)	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(130.8060, 92.7000,
38.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	F3515D
RGB	243, 81, 93
RGB Percent	95%, 32%, 36%
CMY	0.0467, 0.6826, 0.6349
CMYK	0.00, 0.67, 0.62, 0.05
HSL	356°, 87%, 64%
HSV	356°, 67%, 95%
XYZ	41.9140, 25.7392, 13.1362
YIQ	130.8060, 92.7000, 38.0760

Conversions

Conversions Part 2

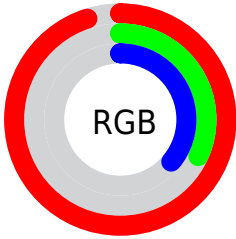
Format	Color
R _Y B	243, 81, 93
Decimal	15946077
CIE Lab	57.79, 62.52, 28.40
CIE LCh	58, 68.670, 24.427
Yxy	25.7392, 0.5188, 0.3186
Android (android.graphics.Color)	4294136157 (0xFFFF3515D)
YUV	130.8060, -18.6384, 98.3941
Hunter-Lab	50.7338, 58.6843, 20.1620

Details

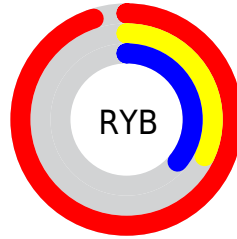
The YIQ color **130.8060, 92.7000, 38.0760** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **193.1940, -92.7000, -38.0760**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.5530, 68.1270, 26.3590**, and **60.3520, 91.6430, 51.7310** is the 20% darker color. If you saturate the color by 10%, you get **114.2100, 106.3620, 43.7860**, and if you desaturate by 10%, it is **147.5160, 78.7170, 32.6770**.

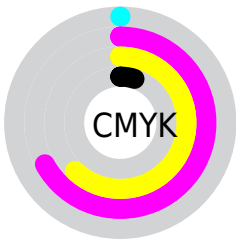
Distribution



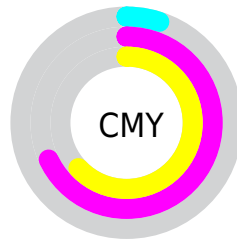
- Red (95%)
- Green (32%)
- Blue (36%)



- Red (95%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (67%)
- Yellow (62%)
- Black (5%)




- Cyan (5%)
- Magenta (68%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.8060, 92.7000, 38.0760 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 130.8060, 92.7000, 38.0760 by changing the saturation by 10% instead.


 130.8060, 92.7000,
38.0760


 130.8060, 92.7000,
38.0760


255.0000, -0.0000,
-0.0000


 100.4190, 89.5360,
40.3520


 173.5530, 68.1270,
26.3590


 60.3520, 91.6430,
51.7310


 193.6540, 51.4850,
19.5890

 47.6290, 80.1370,
39.9850


 213.7550, 34.8430,
12.8190

 35.8090, 70.2820,
25.8500

 233.9700, 17.8800,
6.3600

 26.3120, 52.4480,
18.6560

254.8860, 0.3210,
-0.3110

 18.2820, 34.7970,
13.6530

 6.5780, 13.1120,

4.6640

■ 0.0000, 0.0000,
0.0000

■ 130.8060, 92.7000,
38.0760

■ 130.8060, 92.7000,
38.0760

■ 114.2100,
106.3620, 43.7860

■ 147.5160, 78.7170,
32.6770

■ 96.9130, 120.6200,
49.7080

■ 164.6990, 64.7800,
26.4440

■ 80.3170, 134.2820,
55.4180

■ 181.4090, 50.7970,
21.0450

■ 74.7090, 139.0500,
57.1140

■ 198.0050, 37.1350,
15.3350

■ 214.7150, 23.1520,
9.9360

231.8980, 9.2150,
3.7030

248.6080, -4.7680,
-1.6960

251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



133.5150, 72.4310, 58.5030



130.8060, 92.7000, 38.0760



132.6220, 88.9010, 2.2850

Triad

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



130.8060, 92.7000, 38.0760



104.5050, -57.9880, -61.4440



116.5330, -122.8300, 1.3780

Complementary

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



130.8060, 92.7000, 38.0760



193.1940, -92.7000, -38.0760

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.



121.9980, -120.3060, -11.3300



130.8060, 92.7000, 38.0760



111.1050, -85.5000, -47.4200

Square

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



130.8060, 92.7000, 38.0760



123.6310, 29.6740, -53.2220



118.7600, -105.6770, -28.6610



137.3090, -47.7810, 34.4510

Rectangle

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



130.8060, 92.7000, 38.0760



130.7830, 80.0570, -24.6710



118.7600, -105.6770, -28.6610



120.0550, -124.4800, -1.7600

Sweetspot

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



130.8060, 92.7000, 38.0760



219.7050, 29.1120, 12.0560



144.0190, 36.8020, 81.9700



106.4970, 17.8340, 7.1940



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.



130.8060, 92.7000, 38.0760



113.7060, 116.7690, 47.9130



169.3540, 77.8520, -1.2200



113.7020, 6.8310, 2.8550



57.2100, 106.3620, 43.7860



18.0970, 33.8800, 13.7520

Inverse Universe

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



130.8060, 92.7000, 38.0760



113.7060, 116.7690, 47.9130



155.2330, -78.1270, 0.6970



113.7020, 6.8310, 2.8550



57.2100, 106.3620, 43.7860



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 130.8060, 92.7000, 38.0760 looks on a white background.

Color Contrast Check

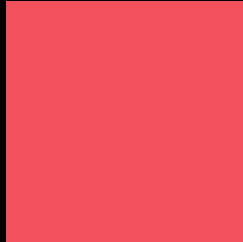
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.8060, 92.7000, 38.0760 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 130.8060, 92.7000, 38.0760

Background



This preview shows how black text looks on a background with the YIQ color 130.8060, 92.7000, 38.0760.



This preview shows how white text looks on a background with the YIQ color 130.8060, 92.7000,

38.0760.

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

130.8060, 92.7000, 38.0760

Protanopia

138.9980, 11.5090, -4.8350

Deuteranopia

138.2920, 36.8640, -7.2960



Tritanopia

130.7090, 94.3510, 35.6870

Trichromacy



Original Color

130.8060, 92.7000, 38.0760

Protanomaly

136.1100, 41.0330, 10.7690

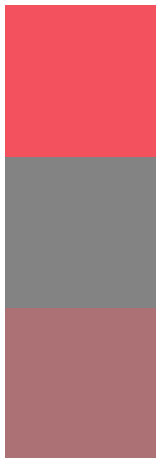
Deuteranomaly

135.5540, 57.2180, 9.2980

Tritanomaly

130.9370, 93.7090, 36.3090

Monochromacy



Original Color

130.8060, 92.7000, 38.0760

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.0970, 33.8800, 13.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.8060, 92.7000, 38.0760 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(243, 81, 93)` looks like.

```
.text, #text, p{  
    color:rgb(243, 81, 93)  
}
```

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(243, 81, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 81, 93) }
```

Border

The CSS property to change the border of an element to YIQ 130.8060, 92.7000, 38.0760 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(243, 81, 93) }
```


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

```
.border{ border-color:rgb(243, 81, 93) }
```

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

Here you see how a box with a 4 pixel rgb(243, 81, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 81, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 81, 93);  
box-shadow:4px 4px 4px 4px rgb(243, 81,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 130.8060, 92.7000, 38.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 81, 93) }
```

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

```
.background{ background-color: rgb(243, 81,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor