

Converting Colors

YIQ(129.8060, 92.7000, 38.0760)

Have a look what the booklet for
YIQ(129.8060, 92.7000, 38.0760)
contains.

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Color

**YIQ(129.8060, 92.7000,
38.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	F2505C
RGB	242, 80, 92
RGB Percent	95%, 31%, 36%
CMY	0.0506, 0.6865, 0.6389
CMYK	0.00, 0.67, 0.62, 0.05
HSL	356°, 86%, 63%
HSV	356°, 67%, 95%
XYZ	41.4518, 25.3966, 12.8635
YIQ	129.8060, 92.7000, 38.0760

Conversions

Conversions Part 2

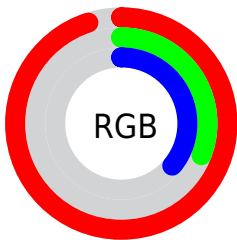
Format	Color
R_{YB}	242, 80, 92
Decimal	15880284
CIE _{Lab}	57.46, 62.54, 28.52
CIE _{LCh}	57, 68.732, 24.515
Yxy	25.3966, 0.5200, 0.3186
Android (android.graphics.Color)	4294070364 (0xFFFF2505C)
YUV	129.8060, -18.6384, 98.3941
Hunter-Lab	50.3951, 58.6314, 20.1426

Details

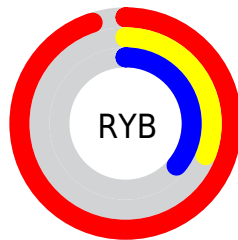
The YIQ color **129.8060, 92.7000, 38.0760** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **192.1940, -92.7000, -38.0760**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.8520, 68.7230, 26.5710**, and **58.7650, 91.9180, 52.2540** is the 20% darker color. If you saturate the color by 10%, you get **113.2100, 106.3620, 43.7860**, and if you desaturate by 10%, it is **146.4020, 79.0380, 32.3660**.

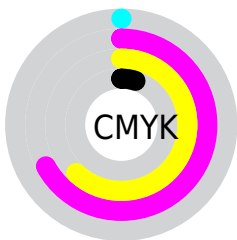
Distribution



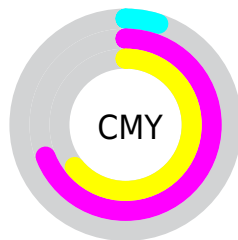
- Red (95%)
- Green (31%)
- Blue (36%)



- Red (95%)
- Yellow (31%)
- Blue (36%)



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



- Cyan (5%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.8060, 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 129.8060, 92.7000, 38.0760 by changing the saturation by 10% instead.


 129.8060, 92.7000,
38.0760


 129.8060, 92.7000,
38.0760


255.0000, -0.0000,
-0.0000


 99.4190, 89.5360,
40.3520


 172.8520, 68.7230,
26.5710


 58.7650, 91.9180,
52.2540


 192.9530, 52.0810,
19.8010

 47.2160, 79.8620,
39.4620


 213.0540, 35.4390,
13.0310

 35.2820, 70.3280,
25.0160

 233.2690, 18.4760,
6.5720

 26.1270, 51.5310,
18.7550

254.0710, 1.2380,
-0.4100

 17.8690, 34.5220,
13.1300

 5.6810, 11.3240,

4.0280

■ 0.0000, 0.0000,
0.0000

■ 129.8060, 92.7000,
38.0760

■ 129.8060, 92.7000,
38.0760

■ 113.2100,
106.3620, 43.7860

■ 146.4020, 79.0380,
32.3660

■ 96.5000, 120.3450,
49.1850

■ 163.1120, 65.0550,
26.9670


■ 79.3170, 134.2820,
55.4180

■ 180.2950, 51.1180,
20.7340


■ 74.4100, 138.4540,
56.9020

■ 197.0050, 37.1350,
15.3350

■ 213.6010, 23.4730,
9.6250

 230.1970, 9.8110,
3.9150

 246.9070, -4.1720,
-1.4840

 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



131.9280, 72.7060, 59.0260



129.8060, 92.7000, 38.0760



131.6220, 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.



129.8060, 92.7000, 38.0760



102.8960, -60.6470, -62.8150



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.



129.8060, 92.7000, 38.0760



192.1940, -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.



121.2970, -119.7100, -11.1180



129.8060, 92.7000, 38.0760



110.5180, -85.2250, -46.8970

Square

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



129.8060, 92.7000, 38.0760



122.7450, 29.3530, -52.9110



118.0590, -105.0810, -28.4490



136.3090, -47.7810, 34.4510

Rectangle

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



129.8060, 92.7000, 38.0760



129.8970, 79.7360, -24.3600



118.0590, -105.0810, -28.4490



119.3540, -123.8840, -1.5480

Sweetspot

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



129.8060, 92.7000, 38.0760



219.7050, 29.1120, 12.0560



143.0190, 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.



129.8060, 92.7000, 38.0760



113.7060, 116.7690, 47.9130



168.3540, 77.8520, -1.2200



111.7020, 6.8310, 2.8550



56.6120, 105.1700, 43.3620



17.2000, 32.0920, 13.1160

Inverse Universe

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



129.8060, 92.7000, 38.0760



113.7060, 116.7690, 47.9130



154.2330, -78.1270, 0.6970



111.7020, 6.8310, 2.8550



56.6120, 105.1700, 43.3620



17.2000, 32.0920, 13.1160

Previews

White Background



This preview shows how the YIQ color 129.8060, 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 129.8060, 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 129.8060, 92.7000, 38.0760

Background



This preview shows how black text looks on a background with the YIQ color 129.8060, 92.7000, 38.0760.



This preview shows how white text looks on a background with the YIQ color 129.8060, 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

129.8060, 92.7000, 38.0760

Protanopia

137.9980, 11.5090, -4.8350

Deuteranopia

137.2920, 36.8640, -7.2960



Tritanopia

129.7090, 94.3510, 35.6870

Trichromacy



Original Color

129.8060, 92.7000, 38.0760

Protanomaly

135.1100, 41.0330, 10.7690

Deuteranomaly

134.5540, 57.2180, 9.2980

Tritanomaly

129.9370, 93.7090, 36.3090

Monochromacy



Original Color

129.8060, 92.7000, 38.0760

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.0970, 33.8800, 13.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.8060, 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(242, 80, 92)` looks like.

```
.text, #text, p{  
    color:rgb(242, 80, 92)  
}
```

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(242, 80, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 80, 92) }
```

Border

The CSS property to change the border of an element to YIQ 129.8060, 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(242, 80, 92) }
```


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

```
.border{ border-color:rgb(242, 80, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 80, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 80, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 80, 92);  
box-shadow:4px 4px 4px 4px rgb(242, 80,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 129.8060, 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(242, 80, 92) }
```

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

```
.background{ background-color: rgb(242, 80,  
92) }
```

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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