

Converting Colors

YIQ(130.9800, 92.1500, 37.0300)

Have a look what the booklet for
YIQ(130.9800, 92.1500, 37.0300)
contains.

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Color

**YIQ(130.9800, 92.1500,
37.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	F2525C
RGB	242, 82, 92
RGB Percent	95%, 32%, 36%
CMY	0.0506, 0.6787, 0.6389
CMYK	0.00, 0.66, 0.62, 0.05
HSL	356°, 86%, 64%
HSV	356°, 66%, 95%
XYZ	41.5998, 25.6935, 12.9129
YIQ	130.9800, 92.1500, 37.0300

Conversions

Conversions Part 2

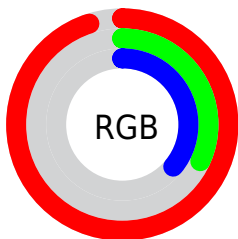
Format	Color
R_{YB}	242, 82, 92
Decimal	15880796
CIE _{Lab}	57.74, 61.76, 28.88
CIE _{LCh}	58, 68.179, 25.066
Yxy	25.6935, 0.5187, 0.3203
Android (android.graphics.Color)	4294070876 (0xFFFF2525C)
YUV	130.9800, -19.2171, 97.3645
Hunter-Lab	50.6887, 57.7882, 20.3780

Details

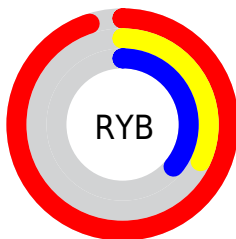
The YIQ color **130.9800, 92.1500, 37.0300** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **193.0200, -92.1500, -37.0300**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.0260, 68.1730, 25.5250**, and **62.8740, 89.9930, 48.5930** is the 20% darker color. If you saturate the color by 10%, you get **114.2700, 106.1330, 42.4290**, and if you desaturate by 10%, it is **147.6900, 78.1670, 31.6310**.

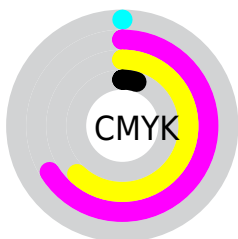
Distribution



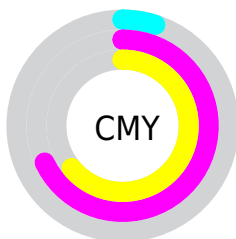
- Red (95%)
- Green (32%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (66%)
- Yellow (62%)
- Black (5%)




- Cyan (5%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.9800, 92.1500, 37.0300 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 130.9800, 92.1500, 37.0300 by changing the saturation by 10% instead.


 130.9800, 92.1500,
37.0300


 130.9800, 92.1500,
37.0300


255.0000, -0.0000,
-0.0000


 100.5930, 88.9860,
39.3060


 174.0260, 68.1730,
25.5250


 62.2870, 90.2680,
49.1160


 194.1270, 51.5310,
18.7550

 47.2160, 79.8620,
39.4620


 214.2280, 34.8890,
11.9850

 35.2820, 70.3280,
25.0160

 234.4430, 17.9260,
5.5260

 26.0130, 51.8520,
18.4440

254.7720, 0.6420,
-0.6220

 17.8690, 34.5220,
13.1300

 5.9800, 11.9200,

4.2400

■ 0.0000, 0.0000,
0.0000

■ 130.9800, 92.1500,
37.0300

■ 130.9800, 92.1500,
37.0300

■ 114.2700,
106.1330, 42.4290

■ 147.6900, 78.1670,
31.6310

■ 97.6740, 119.7950,
48.1390

■ 164.2860, 64.5050,
25.9210

■ 80.3770, 134.0530,
54.0610

■ 181.5830, 50.2470,
19.9990

■ 74.0680, 139.4170,
55.9690

■ 198.2930, 36.2640,
14.6000

■ 214.8890, 22.6020,
8.8900

231.5990, 8.6190,
3.4910

248.3090, -5.3640,
-1.9080

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.



133.2870, 73.0730, 57.8810



130.9800, 92.1500, 37.0300



132.7960, 88.3510, 1.2390

Triad

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



130.9800, 92.1500, 37.0300



102.8250, -61.8850, -62.4050



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.



130.9800, 92.1500, 37.0300



193.0200, -92.1500, -37.0300

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.



121.4110, -120.0310, -10.8070



130.9800, 92.1500, 37.0300



111.3330, -86.1420, -46.7980

Square

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



130.9800, 92.1500, 37.0300



123.3320, 29.0780, -53.4340



118.8740, -105.9980, -28.3500



137.5050, -45.3970, 35.2990

Rectangle

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



130.9800, 92.1500, 37.0300



130.4840, 79.4610, -24.8830



118.8740, -105.9980, -28.3500



119.3540, -123.8840, -1.5480

Sweetspot

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



130.9800, 92.1500, 37.0300



219.5910, 29.4330, 11.7450



144.7910, 37.4440, 81.3480



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.



130.9800, 92.1500, 37.0300



115.4670, 115.9440, 46.3440



170.3430, 76.3850, -2.1670



111.7020, 6.8310, 2.8550



56.3840, 105.8120, 42.7400



17.2000, 32.0920, 13.1160

Inverse Universe

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



130.9800, 92.1500, 37.0300



115.4670, 115.9440, 46.3440



153.6570, -76.3850, 2.1670



111.7020, 6.8310, 2.8550



56.3840, 105.8120, 42.7400



17.2000, 32.0920, 13.1160

Previews

White Background



This preview shows how the YIQ color 130.9800, 92.1500, 37.0300 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 130.9800, 92.1500, 37.0300 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 130.9800, 92.1500, 37.0300

Background



This preview shows how black text looks on a background with the YIQ color 130.9800, 92.1500, 37.0300.



This preview shows how white text looks on a background with the YIQ color 130.9800, 92.1500,

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

130.9800, 92.1500, 37.0300

Protanopia

138.7700, 12.1510, -5.4570

Deuteranopia

138.1780, 37.1850, -7.6070



Tritanopia

130.9970, 93.4800, 34.9520

Trichromacy



Original Color

130.9800, 92.1500, 37.0300

Protanomaly

135.8820, 41.6750, 10.1470

Deuteranomaly

135.4400, 57.5390, 8.9870

Tritanomaly

131.2250, 92.8380, 35.5740

Monochromacy



Original Color

130.9800, 92.1500, 37.0300

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.7980, 33.2840, 13.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9800, 92.1500, 37.0300 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, 82, 92)` looks like.

```
.text, #text, p{  
    color:rgb(242, 82, 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, 82, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 82, 92) }
```

Border

The CSS property to change the border of an element to YIQ 130.9800, 92.1500, 37.0300 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, 82, 92) }
```


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

```
.border{ border-color:rgb(242, 82, 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, 82, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 82, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 82, 92);  
box-shadow:4px 4px 4px 4px rgb(242, 82,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9800, 92.1500, 37.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 82, 92) }
```

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

```
.background{ background-color: rgb(242, 82,  
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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