

Converting Colors

YIQ(130.8570, 96.6900, 31.8420)

Have a look what the booklet for
YIQ(130.8570, 96.6900, 31.8420)
contains.

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Color

**YIQ(130.8570, 96.6900,
31.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	F3544E
RGB	243, 84, 78
RGB Percent	95%, 33%, 31%
CMY	0.0467, 0.6708, 0.6937
CMYK	0.00, 0.65, 0.68, 0.05
HSL	2°, 87%, 63%
HSV	2°, 68%, 95%
XYZ	41.5390, 25.9534, 10.0465
YIQ	130.8570, 96.6900, 31.8420

Conversions

Conversions Part 2

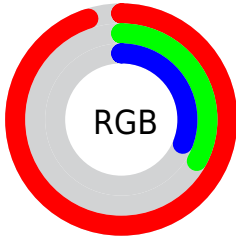
Format	Color
R_{YB}	243, 84, 78
Decimal	15946830
CIE _{Lab}	57.99, 60.50, 37.20
CIE _{LCh}	58, 71.025, 31.583
Yxy	25.9534, 0.5357, 0.3347
Android (android.graphics.Color)	4294136910 (0xFFFF3544E)
YUV	130.8570, -26.0585, 98.3494
Hunter-Lab	50.9445, 56.3918, 23.9689

Details

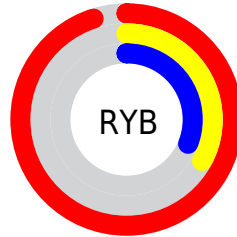
The YIQ color **130.8570, 96.6900, 31.8420** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **190.1430, -96.6900, -31.8420**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.4900, 72.4380, 19.8140**, and **65.8000, 92.8370, 41.1010** is the 20% darker color. If you saturate the color by 10%, you get **114.0330, 110.9940, 36.9300**, and if you desaturate by 10%, it is **147.0940, 82.6610, 27.2770**.

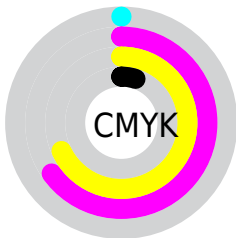
Distribution



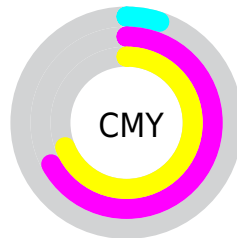
- Red (95%)
- Green (33%)
- Blue (31%)



- Red (95%)
- Yellow (33%)
- Blue (31%)



- Cyan (0%)
- Magenta (65%)
- Yellow (68%)
- Black (5%)




- Cyan (5%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.8570, 96.6900, 31.8420 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 130.8570, 96.6900, 31.8420 by changing the saturation by 10% instead.


 130.8570, 96.6900,
31.8420


 130.8570, 96.6900,
31.8420


255.0000, -0.0000,
-0.0000


 101.0570, 93.2510,
33.5950


 173.6040, 72.1170,
20.1250


 65.8000, 92.8370,
41.1010


 193.0040, 56.0710,
13.5670

 45.6200, 84.3560,
35.1080


 213.1050, 39.4290,
6.7970

 35.2820, 70.3280,
25.0160

 233.2060, 22.7870,
0.0270

 26.0130, 51.8520,
18.4440

 252.9480, 5.7780,
-5.5980

 17.8690, 34.5220,
13.1300

 5.9800, 11.9200,

4.2400

■ 0.0000, 0.0000,
0.0000

■ 130.8570, 96.6900,
31.8420

■ 130.8570, 96.6900,
31.8420

■ 114.0330,
110.9940, 36.9300

■ 147.0940, 82.6610,
27.2770

■ 97.6820, 125.3440,
41.1840

■ 164.0320, 68.0360,
22.5000


■ 81.4450, 139.3730,
45.7490


■ 180.2690, 54.0070,
17.9350


■ 77.9400, 142.3530,
46.8090

■ 197.0930, 39.7030,
12.8470

■ 213.4440, 25.3530,
8.5930

 230.2680, 11.0490,
3.5050

 246.5050, -2.9800,
-1.0600

 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.



130.7890, 83.3430, 58.9830



130.8570, 96.6900, 31.8420



131.8420, 90.7370, -8.9670

Triad

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



130.8570, 96.6900, 31.8420



104.3450, -69.2210, -61.6130



114.7720, -122.0050, 2.9470

Complementary

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



130.8570, 96.6900, 31.8420



190.1430, -96.6900, -31.8420

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.



122.8930, -124.2040, -6.7640



130.8570, 96.6900, 31.8420



114.1030, -91.1860, -43.4900

Square

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



130.8570, 96.6900, 31.8420



120.8960, 18.4420, -58.9180



121.1710, -111.0880, -24.2080



140.9310, -28.8010, 42.9030

Rectangle

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



130.8570, 96.6900, 31.8420



130.7280, 72.7220, -29.4060



121.1710, -111.0880, -24.2080



118.2940, -123.6550, -0.1910

Sweetspot

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



130.8570, 96.6900, 31.8420



220.4230, 29.8460, 9.7660



145.5750, 46.9800, 84.7400



106.8560, 18.2010, 6.0490



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.



130.8570, 96.6900, 31.8420



114.5890, 121.1720, 39.7000



178.9910, 74.1400, -11.0440



114.1750, 6.8770, 2.0210



59.7230, 108.9310, 35.7710



18.8150, 34.6140, 11.4620

Inverse Universe

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



190.1430, -96.6900, -31.8420



188.9980, -121.4470, -40.2230



142.0090, -74.1400, 11.0440



118.4120, -7.1520, -2.5440



126.8640, -109.2060, -36.2940



40.1850, -34.6140, -11.4620

Previews

White Background



This preview shows how the YIQ color 130.8570, 96.6900, 31.8420 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 130.8570, 96.6900, 31.8420 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 130.8570, 96.6900, 31.8420

Background



This preview shows how black text looks on a background with the YIQ color 130.8570, 96.6900, 31.8420.



This preview shows how white text looks on a background with the YIQ color 130.8570, 96.6900,

31.8420.

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

130.8570, 96.6900, 31.8420

Protanopia

138.6150, 19.7170, -10.4190

Deuteranopia

137.3650, 43.7880, -11.6360



Tritanopia

131.2960, 94.0760, 35.1640

Trichromacy



Original Color

130.8570, 96.6900, 31.8420

Protanomaly

135.8300, 47.4530, 4.5490

Deuteranomaly

134.9150, 63.2710, 4.2230

Tritanomaly

130.9540, 95.0390, 34.2310

Monochromacy



Original Color

130.8570, 96.6900, 31.8420

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.1140, 35.2100, 11.6740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.8570, 96.6900, 31.8420 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, 84, 78)` looks like.

```
.text, #text, p{  
    color:rgb(243, 84, 78)  
}
```

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, 84, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 84, 78) }
```

Border

The CSS property to change the border of an element to YIQ 130.8570, 96.6900, 31.8420 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, 84, 78) }
```


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

```
.border{ border-color:rgb(243, 84, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 84, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 84, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 84, 78);  
box-shadow:4px 4px 4px 4px rgb(243, 84,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 130.8570, 96.6900, 31.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 84, 78) }
```

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

```
.background{ background-color: rgb(243, 84,  
78) }
```

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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