

Converting Colors

YIQ(133.5300, 93.2970, 32.7610)

Have a look what the booklet for
YIQ(133.5300, 93.2970, 32.7610)
contains.

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Color

**YIQ(133.5300, 93.2970,
32.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	F35756
RGB	243, 87, 86
RGB Percent	95%, 34%, 34%
CMY	0.0467, 0.6590, 0.6624
CMYK	0.00, 0.64, 0.65, 0.05
HSL	0°, 87%, 65%
HSV	0°, 65%, 95%
XYZ	42.0812, 26.5507, 11.7310
YIQ	133.5300, 93.2970, 32.7610

Conversions

Conversions Part 2

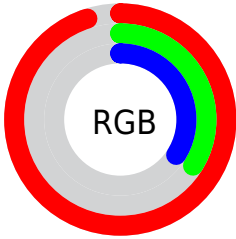
Format	Color
R_{YB}	243, 87, 86
Decimal	15947606
CIE Lab	58.56, 59.72, 33.38
CIE LCh	59, 68.415, 29.201
Yxy	26.5507, 0.5236, 0.3304
Android (android.graphics.Color)	4294137686 (0xFFFF35756)
YUV	133.5300, -23.4323, 96.0052
Hunter-Lab	51.5274, 55.6039, 22.5709

Details

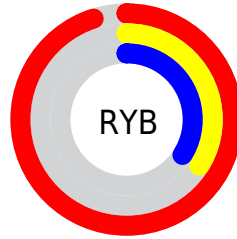
The YIQ color **133.5300, 93.2970, 32.7610** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **195.4700, -93.2970, -32.7610**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.6900, 68.9990, 21.5670**, and **70.8210, 88.3440, 39.9280** is the 20% darker color. If you saturate the color by 10%, you get **116.7060, 107.6010, 37.8490**, and if you desaturate by 10%, it is **150.3540, 78.9930, 27.6730**.

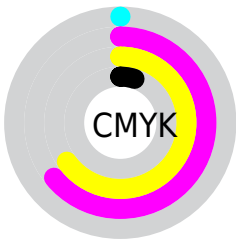
Distribution



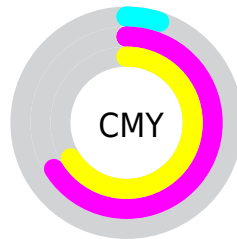
- Red (95%)
- Green (34%)
- Blue (34%)



- Red (95%)
- Yellow (34%)
- Blue (34%)



- Cyan (0%)
- Magenta (64%)
- Yellow (65%)
- Black (5%)




- Cyan (5%)
- Magenta (66%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.5300, 93.2970, 32.7610 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 133.5300, 93.2970, 32.7610 by changing the saturation by 10% instead.


 133.5300, 93.2970,
32.7610


 133.5300, 93.2970,
32.7610


255.0000, -0.0000,
-0.0000

 103.7300, 89.8580,
34.5140


 175.6900, 68.9990,
21.5670


 70.8210, 88.3440,
39.9280


 195.6770, 52.6780,
14.4860


 46.8310, 82.3840,
37.8080


 215.7780, 36.0360,
7.7160

 35.5810, 70.9240,
25.2280

 235.9930, 19.0730,
1.2570

 26.3120, 52.4480,
18.6560

 253.9740, 2.8890,
-2.7990

 18.2820, 34.7970,
13.6530

 6.5780, 13.1120,

4.6640

■ 0.0000, 0.0000,
0.0000

■ 133.5300, 93.2970,
32.7610

■ 133.5300, 93.2970,
32.7610

■ 116.7060,
107.6010, 37.8490

■ 150.3540, 78.9930,
27.6730

■ 99.7680, 122.2260,
42.6260

■ 167.2920, 64.3680,
22.8960

■ 82.3570, 136.8050,
48.2370

■ 184.1160, 50.0640,
17.8080

■ 73.2440, 144.5530,
50.9930

■ 201.5270, 35.4850,
12.1970

■ 218.4650, 20.8600,
7.4200

■ 235.2890, 6.5560,
2.3320

■ 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.



134.6850, 77.7040, 56.5520



133.5300, 93.2970, 32.7610



134.4490, 87.7100, -3.6660

Triad

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



133.5300, 93.2970, 32.7610



104.8180, -69.1750, -62.4470



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.



133.5300, 93.2970, 32.7610



195.4700, -93.2970, -32.7610

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.



122.9100, -122.8740, -8.8420



133.5300, 93.2970, 32.7610



114.2340, -90.1770, -45.2570

Square

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



133.5300, 93.2970, 32.7610



124.6130, 20.9170, -54.2110



121.1880, -109.7580, -26.2860



141.4850, -33.4770, 39.5390

Rectangle

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



133.5300, 93.2970, 32.7610



132.2230, 75.7020, -28.3460



121.1880, -109.7580, -26.2860



119.4680, -124.2050, -1.2370

Sweetspot

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



133.5300, 93.2970, 32.7610



221.3520, 28.6080, 10.1760



150.8410, 43.1750, 82.1110



106.9700, 17.8800, 6.3600



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.



133.5300, 93.2970, 32.7610



116.0880, 118.3290, 41.6650



179.3160, 71.8470, -8.0330



113.5880, 7.1520, 2.5440



56.2010, 110.5810, 38.9090



17.6410, 35.1640, 12.5080

Inverse Universe

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



195.4700, -93.2970, -32.7610



194.9120, -118.3290, -41.6650



150.2710, -72.1220, 7.5100



118.4120, -7.1520, -2.5440



129.7990, -110.5810, -38.9090



40.7720, -34.8890, -11.9850

Previews

White Background



This preview shows how the YIQ color 133.5300, 93.2970, 32.7610 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 133.5300, 93.2970, 32.7610 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 133.5300, 93.2970, 32.7610

Background



This preview shows how black text looks on a background with the YIQ color 133.5300, 93.2970, 32.7610.



This preview shows how white text looks on a background with the YIQ color 133.5300, 93.2970,

32.7610.

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

133.5300, 93.2970, 32.7610

Protanopia

140.2280, 16.5530, -8.1430

Deuteranopia

139.8640, 40.9450, -9.6710



Tritanopia

133.5130, 91.9670, 34.8390

Trichromacy



Original Color

133.5300, 93.2970, 32.7610

Protanomaly

137.4430, 44.2890, 6.8250

Deuteranomaly

137.7020, 59.5570, 5.4530

Tritanomaly

133.2850, 92.6090, 34.2170

Monochromacy



Original Color

133.5300, 93.2970, 32.7610

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0430, 33.9720, 12.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.5300, 93.2970, 32.7610 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, 87, 86)` looks like.

```
.text, #text, p{  
    color:rgb(243, 87, 86)  
}
```

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, 87, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 87, 86) }
```

Border

The CSS property to change the border of an element to YIQ 133.5300, 93.2970, 32.7610 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, 87, 86) }
```


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

```
.border{ border-color:rgb(243, 87, 86) }
```

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

Here you see how a box with a 4 pixel rgb(243, 87, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 87, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 87, 86);  
box-shadow:4px 4px 4px 4px rgb(243, 87,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 133.5300, 93.2970, 32.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 87, 86) }
```

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

```
.background{ background-color: rgb(243, 87,  
86) }
```

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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