

Converting Colors

YIQ(119.3490, 86.5570, 33.7650)

Have a look what the booklet for
YIQ(119.3490, 86.5570, 33.7650)
contains.

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Color

**YIQ(119.3490, 86.5570,
33.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	DF4A51
RGB	223, 74, 81
RGB Percent	87%, 29%, 32%
CMY	0.1251, 0.7100, 0.6820
CMYK	0.00, 0.67, 0.64, 0.13
HSL	357°, 70%, 58%
HSV	357°, 67%, 87%
XYZ	34.3927, 21.1871, 10.0784
YIQ	119.3490, 86.5570, 33.7650

Conversions

Conversions Part 2

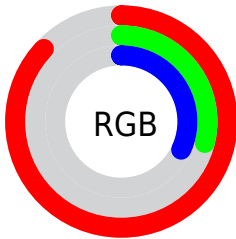
Format	Color
RYB	223, 74, 81
Decimal	14633553
CIELab	53.15, 58.22, 28.76
CIELCh	53, 64.937, 26.288
Yxy	21.1871, 0.5238, 0.3227
Android (android.graphics.Color)	4292823633 (0xFFDF4A51)
YUV	119.3490, -18.9061, 90.9019
Hunter-Lab	46.0294, 52.8216, 19.2388

Details

The YIQ color **119.3490, 86.5570, 33.7650** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **177.6510, -86.5570, -33.7650**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3750, 74.5000, 26.5000**, and **52.2430, 84.4000, 45.3280** is the 20% darker color. If you saturate the color by 10%, you get **104.0410, 99.3480, 38.7400**, and if you desaturate by 10%, it is **134.6570, 73.7660, 28.7900**.

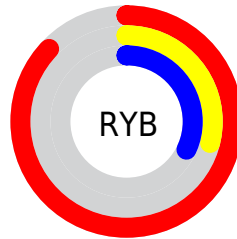
Distribution



Red (87%)

Green (29%)

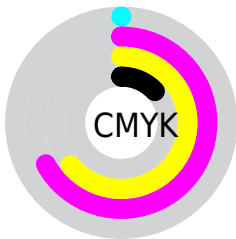
Blue (32%)



Red (87%)

Yellow (29%)

Blue (32%)

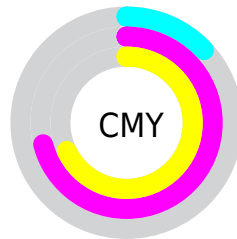


Cyan (0%)

Magenta (67%)

Yellow (64%)

Black (13%)



Cyan (13%)


Magenta (71%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.3490, 86.5570, 33.7650 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 119.3490, 86.5570, 33.7650 by changing the saturation by 10% instead.

 119.3490, 86.5570,
33.7650

 119.3490, 86.5570,
33.7650


255.0000, -0.0000,
-0.0000


 89.2610, 83.9890,
36.2530


 167.3750, 74.5000,
26.5000


 52.3570, 84.0790,
45.6390


 186.7750, 58.4540,
19.9420

 40.9930, 72.9400,
32.7480


 206.8760, 41.8120,
13.1720

 30.1990, 60.1960,
21.4120

 227.0910, 24.8490,
6.7130

 21.4570, 41.6740,
15.6740

 247.3060, 7.8860,
0.2540

 12.6720, 24.7110,
9.2150

 0.0000, 0.0000,

0.0000

■ 119.3490, 86.5570,
33.7650

■ 119.3490, 86.5570,
33.7650

■ 104.0410, 99.3480,
38.7400

■ 134.6570, 73.7660,
28.7900

■ 88.1460, 112.4140,
44.2380

■ 150.6660, 60.3790,
23.6030

■ 72.7240, 125.5260,
48.9020

■ 165.9740, 47.5880,
18.6280

■ 67.9310, 129.3770,
50.6970

■ 181.2820, 34.7970,
13.6530

■ 196.5900, 22.0060,
8.6780

■ 212.5990, 8.6190,
3.4910

■ 227.9070, -4.1720,
-1.4840

■ 243.2150,
-16.9630, -6.4590

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



120.9120, 69.6350, 54.1070



119.3490, 86.5570, 33.7650



121.2190, 82.6660, -0.3580

Triad

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



119.3490, 86.5570, 33.7650



93.1290, -59.6850, -58.2210



107.0780, -114.1190, 3.2010

Complementary

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



119.3490, 86.5570, 33.7650



177.6510, -86.5570, -33.7650

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.



111.9560, -111.3200, -8.9840



119.3490, 86.5570, 33.7650



102.6760, -79.6780, -42.7980

Square

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



119.3490, 86.5570, 33.7650



112.4010, 24.6300, -49.9140



109.1740, -97.9750, -25.0710



126.3870, -39.2530, 34.0830

Rectangle

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



119.3490, 86.5570, 33.7650



119.5310, 72.0790, -23.2570



109.1740, -97.9750, -25.0710



109.6710, -114.5310, -0.3470

Sweetspot

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



119.3490, 86.5570, 33.7650



219.4770, 29.7540, 11.4340



133.4440, 36.8030, 76.4430



106.3830, 18.1550, 6.8830



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.



119.3490, 86.5570, 33.7650



113.1360, 118.3740, 46.3580



157.8800, 70.3790, -3.4530



104.4030, 6.2350, 2.6430



53.5360, 102.3280, 39.8000



14.5800, 27.9660, 10.7980

Inverse Universe

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



119.3490, 86.5570, 33.7650



113.1360, 118.3740, 46.3580



139.1200, -70.3790, 3.4530



104.4030, 6.2350, 2.6430



53.5360, 102.3280, 39.8000



14.5800, 27.9660, 10.7980

Previews

White Background



This preview shows how the YIQ color 119.3490, 86.5570, 33.7650 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 119.3490, 86.5570, 33.7650 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 119.3490, 86.5570, 33.7650

Background



This preview shows how black text looks on a background with the YIQ color 119.3490, 86.5570, 33.7650.



This preview shows how white text looks on a background with the YIQ color 119.3490, 86.5570,

33.7650.

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

119.3490, 86.5570, 33.7650

Protanopia

126.6560, 12.4720, -5.7680

Deuteranopia

126.2810, 35.3970, -8.2430



Tritanopia

119.0070, 87.5200, 32.8320

Trichromacy



Original Color

119.3490, 86.5570, 33.7650

Protanomaly

124.1590, 39.3370, 8.4650

Deuteranomaly

124.1190, 54.0090, 6.8810

Tritanomaly

119.1210, 87.1990, 33.1430

Monochromacy



Original Color

119.3490, 86.5570, 33.7650

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.3740, 31.5420, 12.0700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3490, 86.5570, 33.7650 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(223, 74, 81)` looks like.

```
.text, #text, p{  
    color:rgb(223, 74, 81)  
}
```

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(223, 74, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 74, 81) }
```

Border

The CSS property to change the border of an element to YIQ 119.3490, 86.5570, 33.7650 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(223, 74, 81) }
```


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

```
.border{ border-color:rgb(223, 74, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 74, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 74, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 74, 81);  
box-shadow:4px 4px 4px 4px rgb(223, 74,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3490, 86.5570, 33.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 74, 81) }
```

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

```
.background{ background-color: rgb(223, 74,  
81) }
```

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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