

Converting Colors

YIQ(136.8570, 96.6900, 31.8420)

Have a look what the booklet for
YIQ(136.8570, 96.6900, 31.8420)
contains.

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Color

**YIQ(136.8570, 96.6900,
31.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	F95A54
RGB	249, 90, 84
RGB Percent	98%, 35%, 33%
CMY	0.0232, 0.6473, 0.6702
CMYK	0.00, 0.64, 0.66, 0.02
HSL	2°, 93%, 65%
HSV	2°, 66%, 98%
XYZ	44.3556, 28.1000, 11.4939
YIQ	136.8570, 96.6900, 31.8420

Conversions

Conversions Part 2

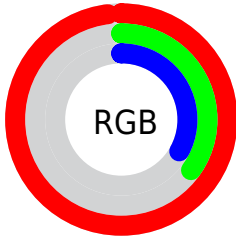
Format	Color
R_{YB}	249, 90, 84
Decimal	16341588
CIE _{Lab}	59.98, 60.33, 36.48
CIE _{LCh}	60, 70.503, 31.156
Yxy	28.1000, 0.5284, 0.3347
Android (android.graphics.Color)	4294531668 (0xFFFF95A54)
YUV	136.8570, -26.0585, 98.3494
Hunter-Lab	53.0094, 56.5933, 24.2509

Details

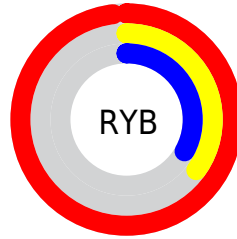
The YIQ color **136.8570, 96.6900, 31.8420** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **196.1430, -96.6900, -31.8420**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8100, 68.5410, 18.8530**, and **74.6210, 91.7830, 38.1750** is the 20% darker color. If you saturate the color by 10%, you get **119.9190, 111.3150, 36.6190**, and if you desaturate by 10%, it is **153.7950, 82.0650, 27.0650**.

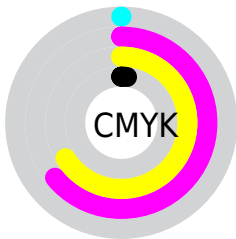
Distribution



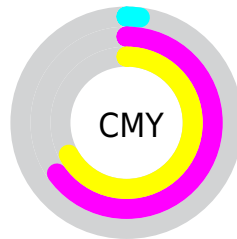
- Red (98%)
- Green (35%)
- Blue (33%)



- Red (98%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (64%)
- Yellow (66%)
- Black (2%)




- Cyan (2%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.8570, 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 136.8570, 96.6900, 31.8420 by changing the saturation by 10% instead.


 136.8570, 96.6900,
31.8420


 136.8570, 96.6900,
31.8420


255.0000, -0.0000,
-0.0000


 107.6440, 92.9760,
33.0720


 177.8100, 68.5410,
18.8530


 74.6210, 91.7830,
38.1750


 197.2100, 52.4950,
12.2950

 48.0980, 86.0060,
38.2460


 217.3110, 35.8530,
5.5250

 37.0760, 73.9040,
26.2880

 237.5260, 18.8900,
-0.9340

 27.8070, 55.4280,
19.7160

 253.7460, 3.5310,
-3.4210

 19.7770, 37.7770,
14.7130

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 136.8570, 96.6900,
31.8420

■ 136.8570, 96.6900,
31.8420

■ 119.9190,
111.3150, 36.6190

■ 153.7950, 82.0650,
27.0650

■ 102.9810,
125.9400, 41.3960

■ 170.7330, 67.4400,
22.2880

■ 86.0430, 140.5650,
46.1730

■ 187.6710, 52.8150,
17.5110

■ 79.7340, 145.9290,
48.0810

■ 204.6090, 38.1900,
12.7340

■ 221.5470, 23.5650,
7.9570

238.4850, 8.9400,
3.1800

253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



137.0770, 82.4720, 58.2480



136.8570, 96.6900, 31.8420



137.7110, 89.7280, -7.2000

Triad

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



136.8570, 96.6900, 31.8420



107.8500, -72.2010, -62.6730



117.7070, -123.3800, 0.3320

Complementary

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



136.8570, 96.6900, 31.8420



196.1430, -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.



126.2840, -126.8630, -8.1350



136.8570, 96.6900, 31.8420



117.4940, -93.8450, -44.8610

Square

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



136.8570, 96.6900, 31.8420



127.1070, 16.4700, -56.2180



124.5620, -113.7470, -25.5790



146.3330, -29.9930, 42.4790

Rectangle

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



136.8570, 96.6900, 31.8420



135.7560, 75.5190, -30.5370



124.5620, -113.7470, -25.5790



121.2290, -125.0300, -2.8060

Sweetspot

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



136.8570, 96.6900, 31.8420



220.4230, 29.8460, 9.7660



151.5750, 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.



136.8570, 96.6900, 31.8420



118.2080, 117.8710, 38.9510



184.9910, 74.1400, -11.0440



116.4740, 7.4730, 2.2330



60.6200, 110.7190, 36.4070



19.4130, 35.8060, 11.8860

Inverse Universe

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



196.1430, -96.6900, -31.8420



190.7920, -117.8710, -38.9510



148.0090, -74.1400, 11.0440



121.1130, -7.7480, -2.7560



128.3800, -110.7190, -36.4070



41.5870, -35.8060, -11.8860

Previews

White Background



This preview shows how the YIQ color 136.8570, 96.6900, 31.8420 looks on a white background.

Color Contrast Check

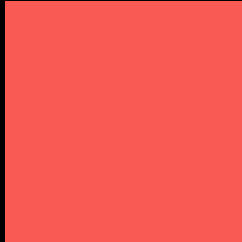
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8570, 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 136.8570, 96.6900, 31.8420

Background



This preview shows how black text looks on a background with the YIQ color 136.8570, 96.6900, 31.8420.



This preview shows how white text looks on a background with the YIQ color 136.8570, 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

136.8570, 96.6900, 31.8420

Protanopia

143.7290, 19.3960, -10.1080

Deuteranopia

142.8920, 43.7420, -10.8020



Tritanopia

137.1220, 94.6260, 36.2100

Trichromacy



Original Color

136.8570, 96.6900, 31.8420

Protanomaly

141.2430, 47.7280, 5.0720

Deuteranomaly

141.0290, 62.9500, 4.5340

Tritanomaly

137.2530, 95.6350, 34.4430

Monochromacy



Original Color

136.8570, 96.6900, 31.8420

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1140, 35.2100, 11.6740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8570, 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(249, 90, 84)` looks like.

```
.text, #text, p{  
    color:rgb(249, 90, 84)  
}
```

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(249, 90, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 90, 84) }
```

Border

The CSS property to change the border of an element to YIQ 136.8570, 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(249, 90, 84) }
```


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

```
.border{ border-color:rgb(249, 90, 84) }
```

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

Here you see how a box with a 4 pixel rgb(249, 90, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 90, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 90, 84);  
box-shadow:4px 4px 4px 4px rgb(249, 90,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8570, 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(249, 90, 84) }
```

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

```
.background{ background-color: rgb(249, 90,  
84) }
```

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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