

Converting Colors

YIQ(137.8190, 99.8530, 35.0930)

Have a look what the booklet for
YIQ(137.8190, 99.8530, 35.0930)
contains.

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Color

**YIQ(137.8190, 99.8530,
35.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5857
RGB	255, 88, 87
RGB Percent	100%, 35%, 34%
CMY	0.0000, 0.6551, 0.6584
CMYK	0.00, 0.66, 0.66, 0.00
HSL	0°, 100%, 67%
HSV	0°, 66%, 100%
XYZ	46.4484, 28.9177, 12.1721
YIQ	137.8190, 99.8530, 35.0930

Conversions

Conversions Part 2

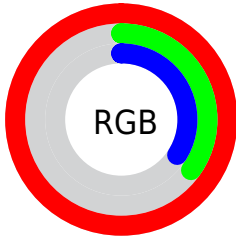
Format	Color
R_{YB}	255, 88, 87
Decimal	16734295
CIE Lab	60.71, 63.19, 35.91
CIE LCh	61, 72.684, 29.609
Yxy	28.9177, 0.5306, 0.3303
Android (android.graphics.Color)	4294924375 (0xFFFF5857)
YUV	137.8190, -25.0538, 102.7677
Hunter-Lab	53.7752, 60.0731, 24.2222

Details

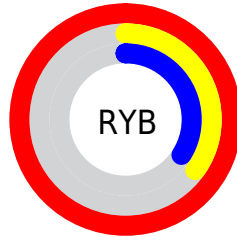
The YIQ color **137.8190, 99.8530, 35.0930** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **204.1810, -99.8530, -35.0930**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.9780, 68.1280, 20.8320**, and **72.3490, 95.7250, 43.8290** is the 20% darker color. If you saturate the color by 10%, you get **120.2940, 114.7530, 40.3930**, and if you desaturate by 10%, it is **155.4580, 84.6320, 30.1040**.

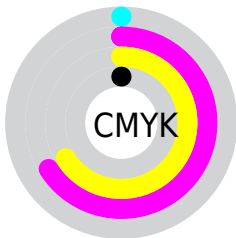
Distribution



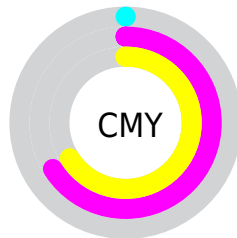
- Red (100%)
- Green (35%)
- Blue (34%)



- Red (100%)
- Yellow (35%)
- Blue (34%)



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





- Cyan (0%)
- Magenta (66%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.8190, 99.8530, 35.0930 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 137.8190, 99.8530, 35.0930 by changing the saturation by 10% instead.


 137.8190, 99.8530,
35.0930


 137.8190, 99.8530,
35.0930


255.0000, -0.0000,
-0.0000


 108.0190, 96.4140,
36.8460


 176.9780, 68.1280,
20.8320


 72.3490, 95.7250,
43.8290


 197.0790, 51.4860,
14.0620


 50.2340, 88.6190,
40.4510


 217.1800, 34.8440,
7.2920

 38.5710, 76.8840,
27.3480

 237.9820, 17.6060,
0.3100

 29.3020, 58.4080,
20.7760

 254.0880, 2.5680,
-2.4880

 20.9730, 40.1610,
15.5610

 11.1770, 21.7310,

8.1550

■ 0.0000, 0.0000,
0.0000

■ 137.8190, 99.8530,
35.0930

■ 137.8190, 99.8530,
35.0930

■ 120.2940,
114.7530, 40.3930

■ 155.4580, 84.6320,
30.1040

■ 102.0680,
130.2490, 45.9050

■ 173.5700, 69.4570,
24.2810

■ 84.5430, 145.1490,
51.2050

■ 191.2090, 54.2360,
19.2920

■ 76.8320, 151.7050,
53.5370

■ 208.7340, 39.3360,
13.9920

■ 226.9600, 23.8400,
8.4800

244.4850, 8.9400,
3.1800

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



137.9570, 82.9300, 60.9620



137.8190, 99.8530, 35.0930



138.9180, 93.5790, -5.4050

Triad

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



137.8190, 99.8530, 35.0930



109.1550, -71.7420, -65.4860



120.0550, -124.4800, -1.7600

Complementary

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



137.8190, 99.8530, 35.0930



204.1810, -99.8530, -35.0930

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.



128.2730, -128.3300, -9.0820



137.8190, 99.8530, 35.0930



119.1410, -94.3490, -46.7410

Square

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



137.8190, 99.8530, 35.0930



128.2940, 23.0730, -60.2470



126.4370, -114.8930, -26.8370



147.2400, -34.1650, 40.9950

Rectangle

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



137.8190, 99.8530, 35.0930



137.8380, 78.2240, -30.0000



126.4370, -114.8930, -26.8370



123.5770, -126.1300, -4.8980

Sweetspot

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



137.8190, 99.8530, 35.0930



219.2490, 30.3960, 10.8120



156.3840, 46.2000, 87.8640



106.2690, 18.4760, 6.5720



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.



137.8190, 99.8530, 35.0930



114.6860, 119.5210, 42.0890



186.5400, 77.0280, -8.3160



118.8870, 7.7480, 2.7560



57.6960, 113.5610, 39.9690



19.1360, 38.1440, 13.5680

Inverse Universe

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



204.1810, -99.8530, -35.0930



194.3140, -119.5210, -42.0890



155.4600, -77.0280, 8.3160



123.5260, -7.4730, -2.2330



133.3040, -113.5610, -39.9690



44.2770, -37.8690, -13.0450

Previews

White Background



This preview shows how the YIQ color 137.8190, 99.8530, 35.0930 looks on a white background.

Color Contrast Check

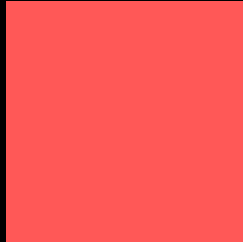
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8190, 99.8530, 35.0930 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 137.8190, 99.8530, 35.0930

Background



This preview shows how black text looks on a background with the YIQ color 137.8190, 99.8530, 35.0930.



This preview shows how white text looks on a background with the YIQ color 137.8190, 99.8530,

35.0930.

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

137.8190, 99.8530, 35.0930

Protanopia

145.7720, 17.8370, -9.3870

Deuteranopia

144.8920, 43.7420, -10.8020



Tritanopia

137.8020, 98.5230, 37.1710

Trichromacy



Original Color

137.8190, 99.8530, 35.0930

Protanomaly

143.2970, 47.6360, 6.7400

Deuteranomaly

142.1540, 64.0960, 5.7920

Tritanomaly

137.5740, 99.1650, 36.5490

Monochromacy



Original Color

137.8190, 99.8530, 35.0930

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.1250, 36.6770, 12.6210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8190, 99.8530, 35.0930 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(255, 88, 87)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 87)  
}
```

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(255, 88, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 87) }
```

Border

The CSS property to change the border of an element to YIQ 137.8190, 99.8530, 35.0930 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(255, 88, 87) }
```


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

```
.border{ border-color:rgb(255, 88, 87) }
```

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

Here you see how a box with a 4 pixel rgb(255, 88, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8190, 99.8530, 35.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 87) }
```

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

```
.background{ background-color: rgb(255, 88,  
87) }
```

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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