

Converting Colors

YIQ(136.5730, 91.7380, 33.4820)

Have a look what the booklet for
YIQ(136.5730, 91.7380, 33.4820)
contains.

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Color

**YIQ(136.5730, 91.7380,
33.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	F55A5C
RGB	245, 90, 92
RGB Percent	96%, 35%, 36%
CMY	0.0388, 0.6473, 0.6388
CMYK	0.00, 0.63, 0.62, 0.04
HSL	359°, 89%, 66%
HSV	359°, 63%, 96%
XYZ	43.2756, 27.5051, 13.1746
YIQ	136.5730, 91.7380, 33.4820

Conversions

Conversions Part 2

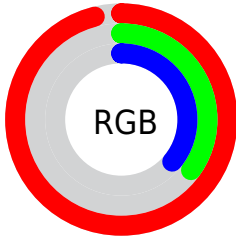
Format	Color
R_{YB}	245, 90, 92
Decimal	16079452
CIE _{Lab}	59.44, 59.49, 31.15
CIE _{LCh}	59, 67.148, 27.636
Yxy	27.5051, 0.5155, 0.3276
Android (android.graphics.Color)	4294269532 (0xFFFF55A5C)
YUV	136.5730, -21.9745, 95.0905
Hunter-Lab	52.4453, 55.5111, 21.8177

Details

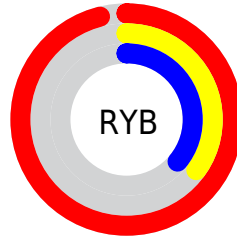
The YIQ color **136.5730, 91.7380, 33.4820** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **198.4270, -91.7380, -33.4820**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1350, 66.2480, 21.8640**, and **74.9240, 86.5560, 39.2920** is the 20% darker color. If you saturate the color by 10%, you get **119.1620, 106.3170, 39.0930**, and if you desaturate by 10%, it is **153.3970, 77.4340, 28.3940**.

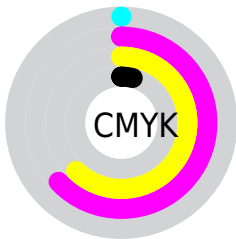
Distribution



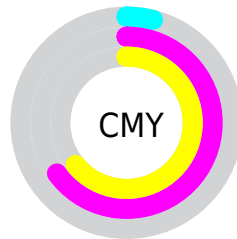
- Red (96%)
- Green (35%)
- Blue (36%)



- Red (96%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (63%)
- Yellow (62%)
- Black (4%)





- Cyan (4%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.5730, 91.7380, 33.4820 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 136.5730, 91.7380, 33.4820 by changing the saturation by 10% instead.


 136.5730, 91.7380,
33.4820


 136.5730, 91.7380,
33.4820


255.0000, -0.0000,
-0.0000


 107.2460, 88.3450,
34.4010


 178.1350, 66.2480,
21.8640


 74.9240, 86.5560,
39.2920


 198.2360, 49.6060,
15.0940

 47.9990, 81.9710,
39.7870


 218.3370, 32.9640,
8.3240

 36.1790, 72.1160,
25.6520

 238.5520, 16.0010,
1.8650

 26.9100, 53.6400,
19.0800

254.7720, 0.6420,
-0.6220

 19.1790, 36.5850,
14.2890

 8.1870, 15.7710,

6.0350

■ 0.0000, 0.0000,
0.0000

■ 136.5730, 91.7380,
33.4820

■ 136.5730, 91.7380,
33.4820

■ 119.1620,
106.3170, 39.0930

■ 153.3970, 77.4340,
28.3940

■ 102.3380,
120.6210, 44.1810

■ 170.8080, 62.8550,
22.7830

■ 84.9270, 135.2000,
49.7920

■ 187.7460, 48.2300,
18.0060

■ 73.5970, 145.0570,
52.8730

■ 205.1570, 33.6510,
12.3950

■ 221.9810, 19.3470,
7.3070

■ 239.3920, 4.7680,
1.6960

■ 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



138.1900, 74.7240, 55.4920



136.5730, 91.7380, 33.4820



137.4320, 86.3800, -1.5880

Triad

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



136.5730, 91.7380, 33.4820



105.5190, -69.7710, -62.6590



118.2940, -123.6550, -0.1910

Complementary

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



136.5730, 91.7380, 33.4820



198.4270, -91.7380, -33.4820

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.



124.4430, -123.0570, -11.0330



136.5730, 91.7380, 33.4820



115.2940, -90.4060, -46.6140

Square

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



136.5730, 91.7380, 33.4820



128.6780, 22.2920, -51.5960



122.1340, -109.6660, -27.9540



143.4630, -36.4110, 37.6450

Rectangle

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



136.5730, 91.7380, 33.4820



134.5930, 77.5360, -28.5440



122.1340, -109.6660, -27.9540



121.2290, -125.0300, -2.8060

Sweetspot

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



136.5730, 91.7380, 33.4820



221.3520, 28.6080, 10.1760



153.4170, 41.4330, 80.6410



107.0840, 17.5590, 6.6710



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.



136.5730, 91.7380, 33.4820



119.3480, 114.6610, 42.0610



180.3700, 71.7550, -6.3650



113.5880, 7.1520, 2.5440



55.9560, 109.8930, 40.3650



17.7550, 34.8430, 12.8190

Inverse Universe

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



136.5730, 91.7380, 33.4820



119.3480, 114.6610, 42.0610



154.6300, -71.7550, 6.3650



113.5880, 7.1520, 2.5440



55.9560, 109.8930, 40.3650



17.7550, 34.8430, 12.8190

Previews

White Background



This preview shows how the YIQ color 136.5730, 91.7380, 33.4820 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 136.5730, 91.7380, 33.4820 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 136.5730, 91.7380, 33.4820

Background



This preview shows how black text looks on a background with the YIQ color 136.5730, 91.7380, 33.4820.



This preview shows how white text looks on a background with the YIQ color 136.5730, 91.7380,

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

136.5730, 91.7380, 33.4820

Protanopia

142.3850, 14.6730, -7.1110

Deuteranopia

142.0210, 39.0650, -8.6390



Tritanopia

136.3280, 91.0500, 34.9380

Trichromacy



Original Color

136.5730, 91.7380, 33.4820

Protanomaly

140.4860, 42.7300, 7.5460

Deuteranomaly

140.1580, 58.2730, 6.6970

Tritanomaly

136.2140, 91.3710, 34.6270

Monochromacy



Original Color

136.5730, 91.7380, 33.4820

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8580, 33.0550, 12.1830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.5730, 91.7380, 33.4820 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(245, 90, 92)` looks like.

```
.text, #text, p{  
    color:rgb(245, 90, 92)  
}
```

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(245, 90, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 90, 92) }
```

Border

The CSS property to change the border of an element to YIQ 136.5730, 91.7380, 33.4820 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(245, 90, 92) }
```


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

```
.border{ border-color:rgb(245, 90, 92) }
```

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

Here you see how a box with a 4 pixel rgb(245, 90, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 90, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 90, 92);  
box-shadow:4px 4px 4px 4px rgb(245, 90,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 136.5730, 91.7380, 33.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 90, 92) }
```

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

```
.background{ background-color: rgb(245, 90,  
92) }
```

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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