

Converting Colors

YIQ(136.0460, 91.7840, 32.6480)

Have a look what the booklet for
YIQ(136.0460, 91.7840, 32.6480)
contains.

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Color

**YIQ(136.0460, 91.7840,
32.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	F45A5A
RGB	244, 90, 90
RGB Percent	96%, 35%, 35%
CMY	0.0428, 0.6473, 0.6467
CMYK	0.00, 0.63, 0.63, 0.04
HSL	360°, 88%, 65%
HSV	360°, 63%, 96%
XYZ	42.8408, 27.2910, 12.7033
YIQ	136.0460, 91.7840, 32.6480

Conversions

Conversions Part 2

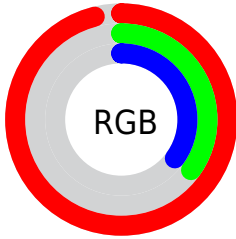
Format	Color
R_{YB}	244, 90, 90
Decimal	16013914
CIE _{Lab}	59.24, 59.04, 32.00
CIE _{LCh}	59, 67.156, 28.459
Yxy	27.2910, 0.5172, 0.3295
Android (android.graphics.Color)	4294203994 (0xFFFF45A5A)
YUV	136.0460, -22.7007, 94.6757
Hunter-Lab	52.2408, 54.9601, 22.1511

Details

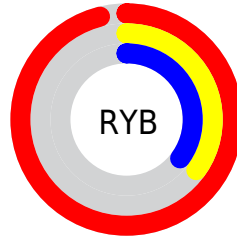
The YIQ color **136.0460, 91.7840, 32.6480** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **197.9540, -91.7840, -32.6480**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9070, 66.8900, 21.2420**, and **74.9840, 86.3270, 37.9350** is the 20% darker color. If you saturate the color by 10%, you get **119.2220, 106.0880, 37.7360**, and if you desaturate by 10%, it is **152.8700, 77.4800, 27.5600**.

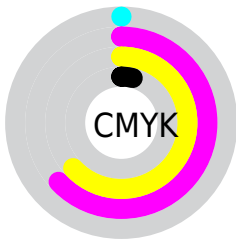
Distribution



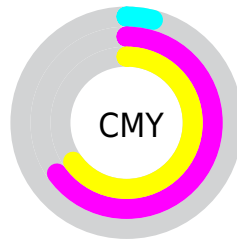
- Red (96%)
- Green (35%)
- Blue (35%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.0460, 91.7840, 32.6480 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 136.0460, 91.7840, 32.6480 by changing the saturation by 10% instead.


 136.0460, 91.7840,
32.6480


 136.0460, 91.7840,
32.6480


255.0000, -0.0000,
-0.0000


 106.8330, 88.0700,
33.8780


 177.9070, 66.8900,
21.2420


 74.9840, 86.3270,
37.9350


 198.0080, 50.2480,
14.4720


 47.4720, 82.0170,
38.9530


 218.1090, 33.6060,
7.7020

 35.8800, 71.5200,
25.4400

 238.3240, 16.6430,
1.2430

 26.6110, 53.0440,
18.8680

 254.4300, 1.6050,
-1.5550

 18.8800, 35.9890,
14.0770

 7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,
0.0000

■ 136.0460, 91.7840,
32.6480

■ 136.0460, 91.7840,
32.6480

■ 119.2220,
106.0880, 37.7360

■ 152.8700, 77.4800,
27.5600

■ 101.6970,
120.9880, 43.0360

■ 170.3950, 62.5800,
22.2600

■ 84.8730, 135.2920,
48.1240

■ 187.2190, 48.2760,
17.1720

■ 72.9560, 145.4240,
51.7280

■ 204.7440, 33.3760,
11.8720

■ 221.5680, 19.0720,
6.7840

■ 238.3920, 4.7680,
1.6960

■ 251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



137.3750, 75.6410, 55.3930



136.0460, 91.7840, 32.6480



136.9050, 86.4260, -2.4220

Triad

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



136.0460, 91.7840, 32.6480



105.6330, -70.0920, -62.3480



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.



136.0460, 91.7840, 32.6480



197.9540, -91.7840, -32.6480

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.



123.9700, -123.1030, -10.1990



136.0460, 91.7840, 32.6480



114.9350, -90.7730, -45.4690

Square

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



136.0460, 91.7840, 32.6480



127.3080, 20.4580, -51.3980



121.6610, -109.7120, -27.1200



143.3600, -34.6230, 38.2810

Rectangle

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



136.0460, 91.7840, 32.6480



134.2940, 76.9400, -28.7560



121.6610, -109.7120, -27.1200



120.6420, -124.7550, -2.2830

Sweetspot

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



136.0460, 91.7840, 32.6480



221.3520, 28.6080, 10.1760



153.0040, 41.1580, 80.1180



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.



136.0460, 91.7840, 32.6480



119.0060, 115.6240, 41.1280



179.4840, 71.4340, -6.0540



113.5880, 7.1520, 2.5440



55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Inverse Universe

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



136.0460, 91.7840, 32.6480



119.0060, 115.6240, 41.1280



154.5160, -71.4340, 6.0540



113.5880, 7.1520, 2.5440



55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Previews

White Background



This preview shows how the YIQ color 136.0460, 91.7840, 32.6480 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 136.0460, 91.7840, 32.6480 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 136.0460, 91.7840, 32.6480

Background



This preview shows how black text looks on a background with the YIQ color 136.0460, 91.7840, 32.6480.



This preview shows how white text looks on a background with the YIQ color 136.0460, 91.7840,

32.6480.

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

136.0460, 91.7840, 32.6480

Protanopia

142.1570, 15.3150, -7.7330

Deuteranopia

141.2060, 39.9820, -8.7380



Tritanopia

136.0290, 90.4540, 34.7260

Trichromacy



Original Color

136.0460, 91.7840, 32.6480

Protanomaly

139.9590, 42.7760, 6.7120

Deuteranomaly

139.0440, 58.5940, 6.3860

Tritanomaly

135.8010, 91.0960, 34.1040

Monochromacy



Original Color

136.0460, 91.7840, 32.6480

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.7440, 33.3760, 11.8720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.0460, 91.7840, 32.6480 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(244, 90, 90)` looks like.

```
.text, #text, p{  
    color:rgb(244, 90, 90)  
}
```

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(244, 90, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 90, 90) }
```

Border

The CSS property to change the border of an element to YIQ 136.0460, 91.7840, 32.6480 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(244, 90, 90) }
```


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

```
.border{ border-color:rgb(244, 90, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 90, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 90, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 90, 90);  
box-shadow:4px 4px 4px 4px rgb(244, 90,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 136.0460, 91.7840, 32.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 90, 90) }
```

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

```
.background{ background-color: rgb(244, 90,  
90) }
```

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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