

Converting Colors

YIQ(136.4620, 78.8090, 31.0090)

Have a look what the booklet for
YIQ(136.4620, 78.8090, 31.0090)
contains.

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Color

**YIQ(136.4620, 78.8090,
31.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	E75F66
RGB	231, 95, 102
RGB Percent	91%, 37%, 40%
CMY	0.0938, 0.6276, 0.5997
CMYK	0.00, 0.59, 0.56, 0.09
HSL	357°, 74%, 64%
HSV	357°, 59%, 91%
XYZ	39.4712, 26.1378, 15.5555
YIQ	136.4620, 78.8090, 31.0090

Conversions

Conversions Part 2

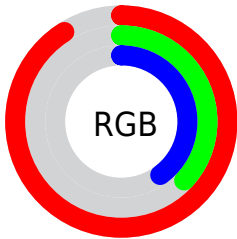
Format	Color
R_{YB}	231, 95, 102
Decimal	15163238
CIE Lab	58.17, 53.35, 23.32
CIE LCh	58, 58.223, 23.613
Yxy	26.1378, 0.4863, 0.3220
Android (android.graphics.Color)	4293353318 (0xFFE75F66)
YUV	136.4620, -16.9898, 82.9098
Hunter-Lab	51.1252, 48.3420, 17.7479

Details

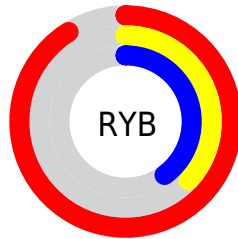
The YIQ color **136.4620, 78.8090, 31.0090** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **189.5380, -78.8090, -31.0090**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7370, 61.6170, 23.1930**, and **79.4060, 73.2150, 33.2710** is the 20% darker color. If you saturate the color by 10%, you get **120.4530, 92.1960, 36.1960**, and if you desaturate by 10%, it is **152.4710, 65.4220, 25.8220**.

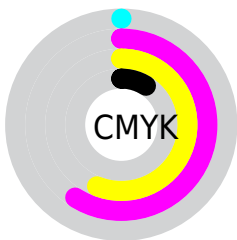
Distribution



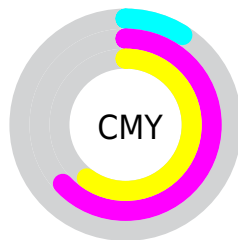
- Red (91%)
- Green (37%)
- Blue (40%)



- Red (91%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (59%)
- Yellow (56%)
- Black (9%)





- Cyan (9%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.4620, 78.8090, 31.0090 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 136.4620, 78.8090, 31.0090 by changing the saturation by 10% instead.


 136.4620, 78.8090,
31.0090


 136.4620, 78.8090,
31.0090


255.0000, -0.0000,
-0.0000


 108.0210, 75.7370,
31.6170


 181.7370, 61.6170,
23.1930


 79.4060, 73.2150,
33.2710


 201.2510, 45.2500,
16.9460


 45.7360, 72.5260,
40.2540

 221.3520, 28.6080,
10.1760

 34.3720, 61.3870,
27.3630

 241.6810, 11.3240,
4.0280

 24.2190, 48.2760,
17.1720

 16.3740, 31.5420,
12.0700

 1.7940, 3.5760,

1.2720

■ 0.0000, 0.0000,
0.0000

■ 136.4620, 78.8090,
31.0090

■ 136.4620, 78.8090,
31.0090

■ 120.4530, 92.1960,
36.1960

■ 152.4710, 65.4220,
25.8220

■ 104.4440,
105.5830, 41.3830

■ 168.4800, 52.0350,
20.6350

■ 88.4350, 118.9700,
46.5700

■ 184.4890, 38.6480,
15.4480

■ 72.4260, 132.3570,
51.7570

■ 200.4980, 25.2610,
10.2610

■ 70.4370, 133.8240,
52.7040

■ 216.5070, 11.8740,
5.0740

■ 232.9890, -1.4670,
-0.9470

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



139.0200, 60.2830, 47.3790



136.4620, 78.8090, 31.0090



136.3310, 76.6590, 3.8830

Triad

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



136.4620, 78.8090, 31.0090



119.6380, -32.9570, -47.0130



114.9370, -118.3360, -2.9760

Complementary

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



136.4620, 78.8090, 31.0090



189.5380, -78.8090, -31.0090

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.



119.1140, -114.9410, -14.9490



136.4620, 78.8090, 31.0090



110.1590, -85.5920, -45.7520

Square

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



136.4620, 78.8090, 31.0090



129.5400, 23.1610, -39.8070



116.6740, -102.5590, -30.1030



139.4530, -39.6190, 29.7010

Rectangle

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



136.4620, 78.8090, 31.0090



135.0500, 66.4840, -15.4680



116.6740, -102.5590, -30.1030



116.8290, -118.1520, -6.3120

Sweetspot

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



136.4620, 78.8090, 31.0090



223.0960, 26.4530, 10.6850



148.4770, 32.0360, 69.2200



107.8990, 16.6420, 6.7700



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.



136.4620, 78.8090, 31.0090



129.1450, 104.9870, 41.1710



170.2970, 64.8310, -2.0250



106.7020, 6.8310, 2.8550



54.5470, 103.7950, 40.7470



15.5910, 29.4330, 11.7450

Inverse Universe

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



136.4620, 78.8090, 31.0090



129.1450, 104.9870, 41.1710



155.7030, -64.8310, 2.0250



106.7020, 6.8310, 2.8550



54.5470, 103.7950, 40.7470



15.5910, 29.4330, 11.7450

Previews

White Background



This preview shows how the YIQ color 136.4620, 78.8090, 31.0090 looks on a white background.

Color Contrast Check

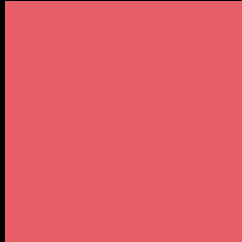
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.4620, 78.8090, 31.0090 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 136.4620, 78.8090, 31.0090

Background



This preview shows how black text looks on a background with the YIQ color 136.4620, 78.8090, 31.0090.



This preview shows how white text looks on a background with the YIQ color 136.4620, 78.8090,

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

136.4620, 78.8090, 31.0090

Protanopia

140.1550, 9.6290, -3.8030

Deuteranopia

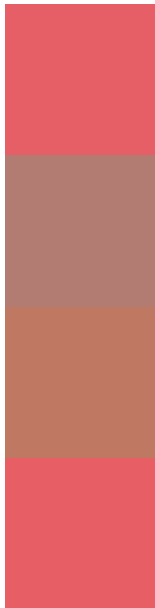
139.8340, 32.4620, -4.6100



Tritanopia

136.3480, 79.1300, 30.6980

Trichromacy



Original Color

136.4620, 78.8090, 31.0090

Protanomaly

139.1200, 35.0730, 8.6490

Deuteranomaly

138.7210, 49.3780, 8.2100

Tritanomaly

136.3480, 79.1300, 30.6980

Monochromacy



Original Color

136.4620, 78.8090, 31.0090

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.2920, 28.8370, 11.5330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.4620, 78.8090, 31.0090 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(231, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(231, 95, 102)  
}
```

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(231, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 95, 102) }
```

Border

The CSS property to change the border of an element to YIQ 136.4620, 78.8090, 31.0090 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(231, 95, 102) }
```


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

```
.border{ border-color:rgb(231, 95, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 95, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(231, 95,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 136.4620, 78.8090, 31.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 95, 102) }
```

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

```
.background{ background-color: rgb(231, 95,  
102) }
```

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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