

Converting Colors

YIQ(136.7030, 85.3200, 28.6480)

Have a look what the booklet for
YIQ(136.7030, 85.3200, 28.6480)
contains.

YIQ(136.7030, 85.3200, 28.6480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(136.7030, 85.3200,
28.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	EC5F5B
RGB	236, 95, 91
RGB Percent	93%, 37%, 36%
CMY	0.0742, 0.6276, 0.6428
CMYK	0.00, 0.60, 0.61, 0.07
HSL	2°, 79%, 64%
HSV	2°, 61%, 93%
XYZ	40.5992, 26.7780, 12.9461
YIQ	136.7030, 85.3200, 28.6480

Conversions

Conversions Part 2

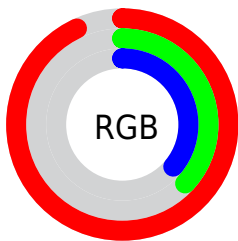
Format	Color
R _Y B	236, 95, 91
Decimal	15490907
CIE Lab	58.77, 54.28, 30.56
CIE LCh	59, 62.293, 29.384
Yxy	26.7780, 0.5054, 0.3334
Android (android.graphics.Color)	4293680987 (0xFFEC5F5B)
YUV	136.7030, -22.5316, 87.0835
Hunter-Lab	51.7474, 49.4868, 21.3901

Details

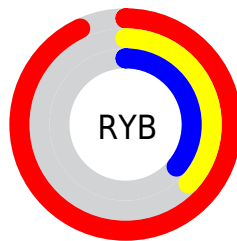
The YIQ color **136.7030, 85.3200, 28.6480** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **190.2970, -85.3200, -28.6480**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.3690, 65.4690, 19.4610**, and **78.8750, 79.0840, 31.5320** is the 20% darker color. If you saturate the color by 10%, you get **120.4660, 99.3490, 33.2130**, and if you desaturate by 10%, it is **152.9400, 71.2910, 24.0830**.

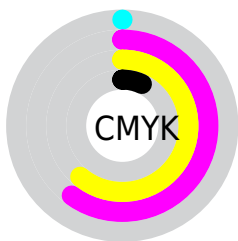
Distribution



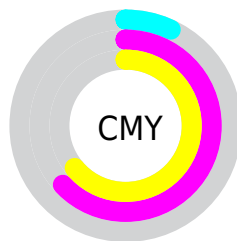
- Red (93%)
- Green (37%)
- Blue (36%)



- Red (93%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (60%)
- Yellow (61%)
- Black (7%)





- Cyan (7%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.7030, 85.3200, 28.6480 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 136.7030, 85.3200, 28.6480 by changing the saturation by 10% instead.


 136.7030, 85.3200,
28.6480


 136.7030, 85.3200,
28.6480


255.0000, -0.0000,
-0.0000


 108.2620, 82.2480,
29.2560


 180.3690, 65.4690,
19.4610


 78.8750, 79.0840,
31.5320


 199.8830, 49.1020,
13.2140

 45.7920, 78.1200,
37.9920


 219.9840, 32.4600,
6.4440

 34.0860, 67.9440,
24.1680

 240.1990, 15.4970,
-0.0150

 25.1160, 50.0640,
17.8080

254.6580, 0.9630,
-0.9330

 17.2710, 33.3300,
12.7060

 4.4850, 8.9400,

3.1800

■ 0.0000, 0.0000,
0.0000

■ 136.7030, 85.3200,
28.6480

■ 136.7030, 85.3200,
28.6480

■ 120.4660, 99.3490,
33.2130

■ 152.9400, 71.2910,
24.0830

■ 104.3430,
113.0570, 38.0890

■ 169.0630, 57.5830,
19.2070

■ 88.1060, 127.0860,
42.6540

■ 185.3000, 43.5540,
14.6420

■ 74.0860, 139.0060,
46.8940

■ 201.5370, 29.5250,
10.0770

■ 217.6600, 15.8170,
5.2010

■ 233.8970, 1.7880,
0.6360

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



138.1630, 70.1860, 49.6260



136.7030, 85.3200, 28.6480



136.7840, 79.4570, -2.7750

Triad

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



136.7030, 85.3200, 28.6480



109.0300, -63.7200, -56.6800



115.4900, -121.2710, 0.6570

Complementary

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



136.7030, 85.3200, 28.6480



190.2970, -85.3200, -28.6480

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.



121.2970, -119.7100, -11.1180



136.7030, 85.3200, 28.6480



113.8750, -90.5440, -44.1120

Square

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



136.7030, 85.3200, 28.6480



128.6590, 15.2760, -45.5880



119.5580, -107.9240, -26.4840



142.8290, -28.7540, 36.5420

Rectangle

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



136.7030, 85.3200, 28.6480



134.7370, 68.5030, -24.5290



119.5580, -107.9240, -26.4840



118.1970, -122.0040, -2.5800

Sweetspot

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



136.7030, 85.3200, 28.6480



223.3410, 27.1410, 9.2290



150.6570, 40.5170, 75.2130



108.2580, 17.0090, 5.6250



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.



136.7030, 85.3200, 28.6480



125.4460, 111.2690, 37.4530



178.3800, 65.7950, -8.4850



109.2890, 6.5560, 2.3320



57.0540, 106.5010, 35.7570



16.7330, 31.9090, 10.9250

Inverse Universe

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



190.2970, -85.3200, -28.6480



195.5540, -111.2690, -37.4530



148.6200, -65.7950, 8.4850



113.7110, -6.5560, -2.3320



123.9460, -106.5010, -35.7570



36.6800, -31.6340, -10.4020

Previews

White Background



This preview shows how the YIQ color 136.7030, 85.3200, 28.6480 looks on a white background.

Color Contrast Check

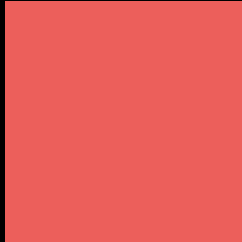
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7030, 85.3200, 28.6480 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 136.7030, 85.3200, 28.6480

Background



This preview shows how black text looks on a background with the YIQ color 136.7030, 85.3200, 28.6480.



This preview shows how white text looks on a background with the YIQ color 136.7030, 85.3200,

28.6480.

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

136.7030, 85.3200, 28.6480

Protanopia

141.0430, 15.6360, -8.0440

Deuteranopia

140.2490, 38.4230, -8.0170



Tritanopia

137.4410, 83.3020, 32.1820

Trichromacy



Original Color

136.7030, 85.3200, 28.6480

Protanomaly

139.5350, 41.0340, 5.2420

Deuteranomaly

138.6630, 55.2930, 5.6370

Tritanomaly

137.0990, 84.2650, 31.2490

Monochromacy



Original Color

136.7030, 85.3200, 28.6480

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0210, 31.0380, 10.1900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7030, 85.3200, 28.6480 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(236, 95, 91)` looks like.

```
.text, #text, p{  
    color:rgb(236, 95, 91)  
}
```

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(236, 95, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 95, 91) }
```

Border

The CSS property to change the border of an element to YIQ 136.7030, 85.3200, 28.6480 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(236, 95, 91) }
```


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

```
.border{ border-color:rgb(236, 95, 91) }
```

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

Here you see how a box with a 4 pixel rgb(236, 95, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 95, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 95, 91);  
box-shadow:4px 4px 4px 4px rgb(236, 95,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7030, 85.3200, 28.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 95, 91) }
```

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

```
.background{ background-color: rgb(236, 95,  
91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor