

Converting Colors

YIQ(133.6260, 84.2190, 32.0830)

Have a look what the booklet for
YIQ(133.6260, 84.2190, 32.0830)
contains.

YIQ(133.6260, 84.2190, 32.0830)	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(133.6260, 84.2190,
32.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	EA5A5F
RGB	234, 90, 95
RGB Percent	92%, 35%, 37%
CMY	0.0820, 0.6473, 0.6271
CMYK	0.00, 0.62, 0.59, 0.08
HSL	358°, 78%, 64%
HSV	358°, 62%, 92%
XYZ	39.6811, 25.6372, 13.7036
YIQ	133.6260, 84.2190, 32.0830

Conversions

Conversions Part 2

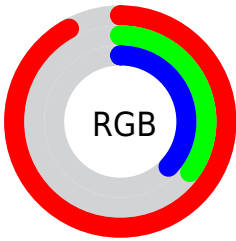
Format	Color
RYB	234, 90, 95
Decimal	15358559
CIELab	57.69, 56.06, 26.83
CIELCh	58, 62.150, 25.571
Yxy	25.6372, 0.5022, 0.3244
Android (android.graphics.Color)	4293548639 (0xFFEA5A5F)
YUV	133.6260, -19.0426, 88.0280
Hunter-Lab	50.6332, 51.2817, 19.3967

Details

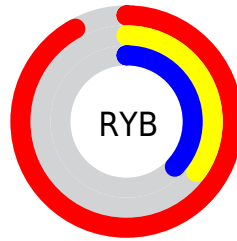
The YIQ color **133.6260, 84.2190, 32.0830** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **190.3740, -84.2190, -32.0830**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.4770, 65.2850, 22.7970**, and **74.6240, 78.5330, 36.0130** is the 20% darker color. If you saturate the color by 10%, you get **117.6170, 97.6060, 37.2700**, and if you desaturate by 10%, it is **149.7490, 70.5110, 27.2070**.

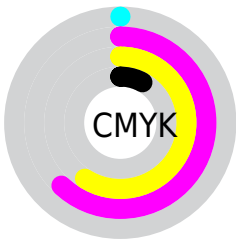
Distribution



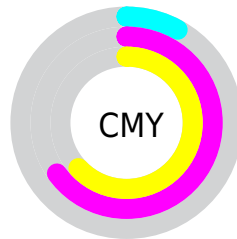
- Red (92%)
- Green (35%)
- Blue (37%)



- Red (92%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (62%)
- Yellow (59%)
- Black (8%)




- Cyan (8%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.6260, 84.2190, 32.0830 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 133.6260, 84.2190, 32.0830 by changing the saturation by 10% instead.


 133.6260, 84.2190,
32.0830


 133.6260, 84.2190,
32.0830


255.0000, -0.0000,
-0.0000


 105.1850, 81.1470,
32.6910


 178.5910, 64.9640,
23.1080


 74.0370, 78.8080,
36.5360


 197.9910, 48.9180,
16.5500


 45.6500, 75.6440,
38.8120

 217.5050, 32.5510,
10.3030

 33.9440, 65.4680,
24.9880

 238.3070, 15.3130,
3.3210

 24.5180, 48.8720,
17.3840

 16.6730, 32.1380,
12.2820

 2.3920, 4.7680,

1.6960

■ 0.0000, 0.0000,
0.0000

■ 133.6260, 84.2190,
32.0830

■ 133.6260, 84.2190,
32.0830

■ 117.6170, 97.6060,
37.2700

■ 149.7490, 70.5110,
27.2070

■ 100.9070,
111.5890, 42.6690

■ 166.3450, 56.8490,
21.4970

■ 84.7840, 125.2970,
47.5450

■ 182.4680, 43.1410,
16.6210

■ 70.8780, 136.8960,
52.0960

■ 199.0640, 29.4790,
10.9110

■ 215.1870, 15.7710,
6.0350

■ 231.3100, 2.0630,
1.1590

■ 247.9060,
-11.5990, -4.5510

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



135.9500, 66.4720, 50.8560



133.6260, 84.2190, 32.0830



133.9030, 80.7400, 1.5080

Triad

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



133.6260, 84.2190, 32.0830



112.7180, -45.1060, -52.6100



114.4470, -119.7120, -0.0640

Complementary

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



133.6260, 84.2190, 32.0830



190.3740, -84.2190, -32.0830

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.



119.3250, -116.9130, -12.2490



133.6260, 84.2190, 32.0830



110.2730, -85.9130, -45.4410

Square

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



133.6260, 84.2190, 32.0830



126.1930, 22.5200, -44.7120



117.2440, -104.1640, -28.5480



138.6320, -38.5650, 32.6270

Rectangle

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



133.6260, 84.2190, 32.0830



132.0410, 70.7030, -20.3450



117.2440, -104.1640, -28.5480



117.0400, -120.1240, -3.6120

Sweetspot

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



133.6260, 84.2190, 32.0830



222.9820, 26.7740, 10.3740



147.3790, 35.4280, 73.8280



107.7850, 16.9630, 6.4590



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.



133.6260, 84.2190, 32.0830



123.3090, 110.3970, 42.2450



171.2110, 67.9490, -3.4670



109.2890, 6.5560, 2.3320



54.8030, 105.9500, 40.2380



16.3740, 31.5420, 12.0700

Inverse Universe

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



133.6260, 84.2190, 32.0830



123.3090, 110.3970, 42.2450



152.7890, -67.9490, 3.4670



109.2890, 6.5560, 2.3320



54.8030, 105.9500, 40.2380



16.3740, 31.5420, 12.0700

Previews

White Background



This preview shows how the YIQ color 133.6260, 84.2190, 32.0830 looks on a white background.

Color Contrast Check

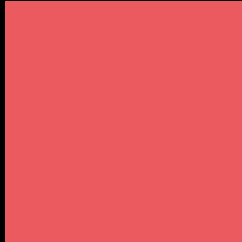
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.6260, 84.2190, 32.0830 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 133.6260, 84.2190, 32.0830

Background



This preview shows how black text looks on a background with the YIQ color 133.6260, 84.2190, 32.0830.



This preview shows how white text looks on a background with the YIQ color 133.6260, 84.2190,

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

133.6260, 84.2190, 32.0830

Protanopia

138.7700, 12.1510, -5.4570

Deuteranopia

138.3350, 35.3050, -6.5750



Tritanopia

133.6260, 84.2190, 32.0830

Trichromacy



Original Color

133.6260, 84.2190, 32.0830

Protanomaly

136.8600, 38.7410, 8.2530

Deuteranomaly

136.4610, 53.0460, 7.8140

Tritanomaly

133.6260, 84.2190, 32.0830

Monochromacy



Original Color

133.6260, 84.2190, 32.0830

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.7760, 30.3500, 11.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.6260, 84.2190, 32.0830 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(234, 90, 95)` looks like.

```
.text, #text, p{  
    color:rgb(234, 90, 95)  
}
```

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(234, 90, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 90, 95) }
```

Border

The CSS property to change the border of an element to YIQ 133.6260, 84.2190, 32.0830 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(234, 90, 95) }
```


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

```
.border{ border-color:rgb(234, 90, 95) }
```

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

Here you see how a box with a 4 pixel rgb(234, 90, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 90, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 90, 95);  
box-shadow:4px 4px 4px 4px rgb(234, 90,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 133.6260, 84.2190, 32.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 90, 95) }
```

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

```
.background{ background-color: rgb(234, 90,  
95) }
```

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