

Converting Colors

YIQ(128.6870, 91.4170, 33.7930)

Have a look what the booklet for
YIQ(128.6870, 91.4170, 33.7930)
contains.

YIQ(128.6870, 91.4170, 33.7930)	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(128.6870, 91.4170,
33.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5255
RGB	237, 82, 85
RGB Percent	93%, 32%, 33%
CMY	0.0702, 0.6786, 0.6663
CMYK	0.00, 0.65, 0.64, 0.07
HSL	359°, 81%, 63%
HSV	359°, 65%, 93%
XYZ	39.6124, 24.7029, 11.2938
YIQ	128.6870, 91.4170, 33.7930

Conversions

Conversions Part 2

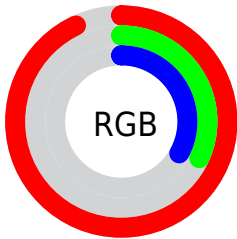
Format	Color
R_{YB}	237, 82, 85
Decimal	15553109
CIE Lab	56.78, 59.75, 31.52
CIE LCh	57, 67.557, 27.813
Yxy	24.7029, 0.5239, 0.3267
Android (android.graphics.Color)	4293743189 (0xFFED5255)
YUV	128.6870, -21.5377, 94.9905
Hunter-Lab	49.7020, 55.2854, 21.3189

Details

The YIQ color **128.6870, 91.4170, 33.7930** 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 **190.3130, -91.4170, -33.7930**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2280, 70.4200, 23.3480**, and **63.0430, 87.8390, 43.5750** is the 20% darker color. If you saturate the color by 10%, you get **111.9770, 105.4000, 39.1920**, and if you desaturate by 10%, it is **145.3970, 77.4340, 28.3940**.

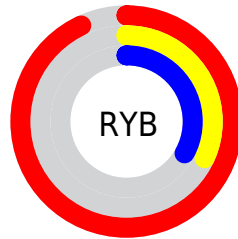
Distribution



Red (93%)

Green (32%)

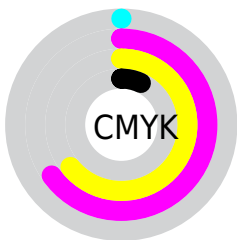
Blue (33%)



Red (93%)

Yellow (32%)

Blue (33%)

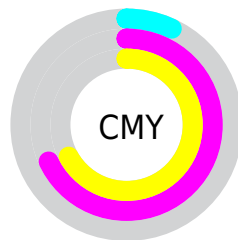


Cyan (0%)

Magenta (65%)

Yellow (64%)

Black (7%)



Cyan (7%)


Magenta (68%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.6870, 91.4170, 33.7930 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 128.6870, 91.4170, 33.7930 by changing the saturation by 10% instead.


 128.6870, 91.4170,
33.7930


 128.6870, 91.4170,
33.7930


255.0000, -0.0000,
-0.0000

 99.1860, 88.5740,
35.7580


 173.2280, 70.4200,
23.3480


 63.0430, 87.8390,
43.5750


 192.6280, 54.3740,
16.7900

 45.0370, 78.8080,
36.5360


 212.7290, 37.7320,
10.0200

 33.7870, 67.3480,
23.9560

 232.9440, 20.7690,
3.5610

 24.8170, 49.4680,
17.5960

 253.7460, 3.5310,
-3.4210

 16.3740, 31.5420,
12.0700

 2.0930, 4.1720,

1.4840

■ 0.0000, 0.0000,
0.0000

■ 128.6870, 91.4170,
33.7930

■ 128.6870, 91.4170,
33.7930

■ 111.9770,
105.4000, 39.1920

■ 145.3970, 77.4340,
28.3940

■ 95.8540, 119.1080,
44.0680

■ 161.6340, 63.4050,
23.8290

■ 79.0300, 133.4120,
49.1560

■ 178.3440, 49.4220,
18.4300

■ 71.4330, 139.6470,
51.7990

■ 195.0540, 35.4390,
13.0310

■ 211.1770, 21.7310,
8.1550

■ 227.8870, 7.7480,
2.7560

■ 244.7110, -6.5560,
-2.3320

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



130.0160, 75.2740, 56.5380



128.6870, 91.4170, 33.7930



130.0190, 86.1050, -2.1110

Triad

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



128.6870, 91.4170, 33.7930



100.6120, -65.5990, -61.1750



114.1850, -121.7300, 3.4700

Complementary

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



128.6870, 91.4170, 33.7930



190.3130, -91.4170, -33.7930

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.



119.6500, -119.2060, -9.2380



128.6870, 91.4170, 33.7930



110.5010, -86.5550, -44.8190

Square

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



128.6870, 91.4170, 33.7930



120.3530, 24.5850, -54.6070



117.3410, -105.8150, -26.1590



136.1640, -37.0070, 37.4330

Rectangle

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



128.6870, 91.4170, 33.7930



128.0920, 74.6930, -26.5790



117.3410, -105.8150, -26.1590



116.7780, -122.1420, -0.0780

Sweetspot

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



128.6870, 91.4170, 33.7930



219.3630, 30.0750, 11.1230



144.5200, 39.6450, 80.0050



106.3830, 18.1550, 6.8830



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.



128.6870, 91.4170, 33.7930



114.5550, 118.5120, 43.8560



170.6090, 72.5800, -4.7960



109.2890, 6.5560, 2.3320



54.5750, 106.5920, 39.6160



16.2600, 31.8630, 11.7590

Inverse Universe

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



128.6870, 91.4170, 33.7930



114.5550, 118.5120, 43.8560



148.3910, -72.5800, 4.7960



109.2890, 6.5560, 2.3320



54.5750, 106.5920, 39.6160



16.2600, 31.8630, 11.7590

Previews

White Background



This preview shows how the YIQ color 128.6870, 91.4170, 33.7930 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 128.6870, 91.4170, 33.7930 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 128.6870, 91.4170, 33.7930

Background



This preview shows how black text looks on a background with the YIQ color 128.6870, 91.4170, 33.7930.



This preview shows how white text looks on a background with the YIQ color 128.6870, 91.4170,

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

128.6870, 91.4170, 33.7930

Protanopia

135.6840, 15.2690, -6.8990

Deuteranopia

135.0210, 39.0650, -8.6390



Tritanopia

128.8010, 91.0960, 34.1040

Trichromacy



Original Color

128.6870, 91.4170, 33.7930

Protanomaly

132.8990, 43.0050, 8.0690

Deuteranomaly

132.8590, 57.6770, 6.4850

Tritanomaly

128.8010, 91.0960, 34.1040

Monochromacy



Original Color

128.6870, 91.4170, 33.7930

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8580, 33.0550, 12.1830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.6870, 91.4170, 33.7930 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(237, 82, 85)` looks like.

```
.text, #text, p{  
    color:rgb(237, 82, 85)  
}
```

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(237, 82, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 82, 85) }
```

Border

The CSS property to change the border of an element to YIQ 128.6870, 91.4170, 33.7930 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(237, 82, 85) }
```


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

```
.border{ border-color:rgb(237, 82, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 82, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 82, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 82, 85);  
box-shadow:4px 4px 4px 4px rgb(237, 82,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 128.6870, 91.4170, 33.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 82, 85) }
```

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

```
.background{ background-color: rgb(237, 82,  
85) }
```

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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