

Converting Colors

YIQ(132.7330, 93.8030, 23.5870)

Have a look what the booklet for
YIQ(132.7330, 93.8030, 23.5870)
contains.

YIQ(132.7330, 93.8030, 23.5870)	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(132.7330, 93.8030,
23.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5C45
RGB	237, 92, 69
RGB Percent	93%, 36%, 27%
CMY	0.0703, 0.6394, 0.7290
CMYK	0.00, 0.61, 0.71, 0.07
HSL	8°, 82%, 60%
HSV	8°, 71%, 93%
XYZ	39.8524, 26.0937, 8.5826
YIQ	132.7330, 93.8030, 23.5870

Conversions

Conversions Part 2

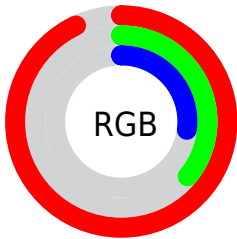
Format	Color
R_{YB}	237, 96, 69
Decimal	15555653
CIE _{Lab}	58.13, 54.72, 42.05
CIE _{LCh}	58, 69.015, 37.539
Yxy	26.0937, 0.5347, 0.3501
Android (android.graphics.Color)	4293745733 (0xFFED5C45)
YUV	132.7330, -31.4204, 91.4422
Hunter-Lab	51.0820, 49.8660, 25.7957

Details

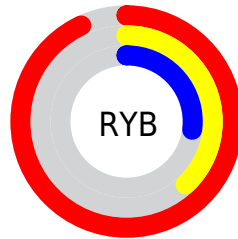
The YIQ color **132.7330, 93.8030, 23.5870** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **173.2670, -93.8030, -23.5870**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9860, 73.6770, 13.8770**, and **74.0190, 87.2460, 26.7820** is the 20% darker color. If you saturate the color by 10%, you get **117.6700, 107.2820, 27.1060**, and if you desaturate by 10%, it is **147.2090, 80.5990, 20.5910**.

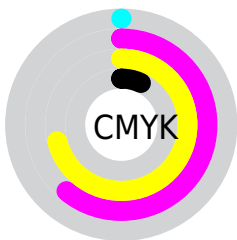
Distribution



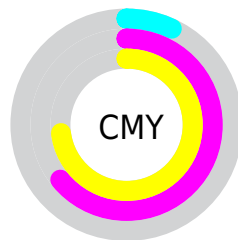
- Red (93%)
- Green (36%)
- Blue (27%)



- Red (93%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (71%)
- Black (7%)





- Cyan (7%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.7330, 93.8030, 23.5870 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 132.7330, 93.8030, 23.5870 by changing the saturation by 10% instead.


 132.7330, 93.8030,
23.5870


 132.7330, 93.8030,
23.5870


255.0000, -0.0000,
-0.0000


 104.1070, 89.8140,
24.2940


 175.9860, 73.6770,
13.8770


 74.0190, 87.2460,
26.7820


 195.3860, 57.6310,
7.3190


 42.7570, 85.2280,
30.3160


 215.4870, 40.9890,
0.5490

 33.4880, 66.7520,
23.7440

 235.7020, 24.0260,
-5.9100

 24.5180, 48.8720,
17.3840

 251.8080, 8.9880,
-8.7080

 16.6730, 32.1380,
12.2820

 2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 132.7330, 93.8030,
23.5870

■ 132.7330, 93.8030,
23.5870

■ 117.6700,
107.2820, 27.1060

■ 147.2090, 80.5990,
20.5910

■ 103.3080,
120.1650, 30.4130

■ 162.2720, 67.1200,
17.0720

■ 89.6470, 132.4520,
33.5080

■ 176.6340, 54.2370,
13.7650

■ 191.6970, 40.7580,
10.2460

■ 206.1730, 27.5540,
7.2500

■ 221.1220, 14.3960,
3.4200

■ 235.5980, 1.1920,
0.4240

■ 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.



131.4700, 85.4990, 52.9470



132.7330, 93.8030, 23.5870



131.6470, 86.6120, -16.8120

Triad

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



132.7330, 93.8030, 23.5870



106.6420, -74.3110, -57.4710



112.4240, -120.9050, 5.0390

Complementary

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



132.7330, 93.8030, 23.5870



173.2670, -93.8030, -23.5870

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.



121.3600, -124.0210, -4.5730



132.7330, 93.8030, 23.5870



115.5850, -95.3590, -39.4470

Square

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



132.7330, 93.8030, 23.5870



121.1900, 0.2390, -53.9130



121.6100, -113.7020, -20.8860



142.8360, -12.2960, 46.6480

Rectangle

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



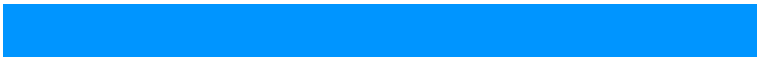
132.7330, 93.8030, 23.5870



130.6730, 65.3870, -34.1410



121.6100, -113.7020, -20.8860



116.5330, -122.8300, 1.3780

Sweetspot

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



132.7330, 93.8030, 23.5870



221.8420, 29.9840, 7.2640



135.8760, 53.2620, 81.0220



107.9160, 17.9720, 4.6920



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.



132.7330, 93.8030, 23.5870



120.4930, 121.0820, 30.3140



181.4540, 70.9780, -19.8220



109.8760, 6.2810, 1.8090



68.7940, 101.0010, 25.2970



20.2550, 30.2590, 7.7870

Inverse Universe

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



173.2670, -93.8030, -23.5870



173.0940, -121.3570, -30.8370



124.5460, -70.9780, 19.8220



113.1240, -6.2810, -1.8090



112.2060, -101.0010, -25.2970



33.1580, -29.9840, -7.2640

Previews

White Background



This preview shows how the YIQ color 132.7330, 93.8030, 23.5870 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 132.7330, 93.8030, 23.5870 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 132.7330, 93.8030, 23.5870

Background



This preview shows how black text looks on a background with the YIQ color 132.7330, 93.8030, 23.5870.



This preview shows how white text looks on a background with the YIQ color 132.7330, 93.8030,

23.5870.

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

132.7330, 93.8030, 23.5870

Protanopia

137.6170, 25.4030, -14.3490

Deuteranopia

137.0510, 47.5480, -13.7000



Tritanopia

134.1210, 87.1990, 33.1430

Trichromacy



Original Color

132.7330, 93.8030, 23.5870

Protanomaly

136.2230, 50.4800, -0.7520

Deuteranomaly

135.4650, 64.4180, -0.0460

Tritanomaly

133.6820, 89.8130, 29.8210

Monochromacy



Original Color

132.7330, 93.8030, 23.5870

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9350, 34.1560, 8.7480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.7330, 93.8030, 23.5870 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, 92, 69)` looks like.

```
.text, #text, p{  
    color:rgb(237, 92, 69)  
}
```

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, 92, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 92, 69) }
```

Border

The CSS property to change the border of an element to YIQ 132.7330, 93.8030, 23.5870 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, 92, 69) }
```


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

```
.border{ border-color:rgb(237, 92, 69) }
```

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

Here you see how a box with a 4 pixel rgb(237, 92, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 92, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 92, 69);  
box-shadow:4px 4px 4px 4px rgb(237, 92,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 132.7330, 93.8030, 23.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 92, 69) }
```

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

```
.background{ background-color: rgb(237, 92,  
69) }
```

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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