

Converting Colors

YIQ(132.4590, 82.8910, 23.1070)

Have a look what the booklet for
YIQ(132.4590, 82.8910, 23.1070)
contains.

YIQ(132.4590, 82.8910, 23.1070)	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(132.4590, 82.8910,
23.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	E25F50
RGB	226, 95, 80
RGB Percent	89%, 37%, 31%
CMY	0.1134, 0.6276, 0.6859
CMYK	0.00, 0.58, 0.65, 0.11
HSL	6°, 72%, 60%
HSV	6°, 65%, 89%
XYZ	36.9266, 24.9362, 10.4732
YIQ	132.4590, 82.8910, 23.1070

Conversions

Conversions Part 2

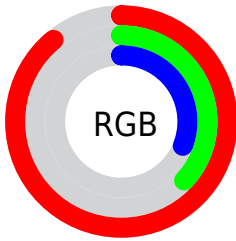
Format	Color
R_{YB}	226, 97, 80
Decimal	14835536
CIE Lab	57.01, 50.13, 34.25
CIE LCh	57, 60.711, 34.341
Yxy	24.9362, 0.5105, 0.3447
Android (android.graphics.Color)	4293025616 (0xFFE25F50)
YUV	132.4590, -25.8623, 82.0355
Hunter-Lab	49.9361, 44.6084, 22.5203

Details

The YIQ color **132.4590, 82.8910, 23.1070** 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 **173.5410, -82.8910, -23.1070**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5280, 69.2750, 16.5630**, and **76.5060, 75.5090, 24.7330** is the 20% darker color. If you saturate the color by 10%, you get **118.0970, 95.7740, 26.4140**, and if you desaturate by 10%, it is **146.8210, 70.0080, 19.8000**.

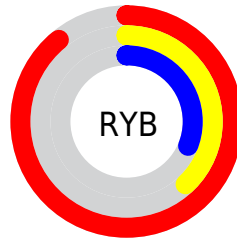
Distribution



Red (89%)

Green (37%)

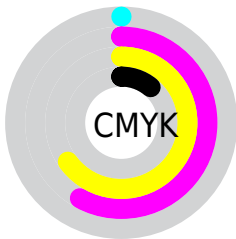
Blue (31%)



Red (89%)

Yellow (38%)

Blue (31%)

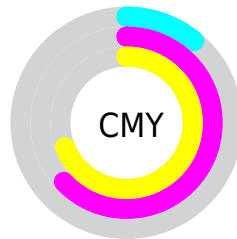


Cyan (0%)

Magenta (58%)

Yellow (65%)

Black (11%)



Cyan (11%)


Magenta (63%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.4590, 82.8910, 23.1070 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 132.4590, 82.8910, 23.1070 by changing the saturation by 10% instead.


 132.4590, 82.8910,
23.1070


 132.4590, 82.8910,
23.1070


255.0000, -0.0000,
-0.0000


 104.7190, 79.2230,
23.5030


 178.5280, 69.2750,
16.5630


 75.9190, 75.7840,
25.2560


 197.9280, 53.2290,
10.0050


 41.6620, 75.3700,
32.7620


 218.0290, 36.5870,
3.2350

 31.3950, 62.5800,
22.2600

 238.2440, 19.6240,
-3.2240

 22.4250, 44.7000,
15.9000

 253.1760, 5.1360,
-4.9760

 14.5800, 27.9660,
10.7980

 0.0000, 0.0000,

0.0000

■ 132.4590, 82.8910,
23.1070

■ 132.4590, 82.8910,
23.1070

■ 118.0970, 95.7740,
26.4140

■ 146.8210, 70.0080,
19.8000

■ 103.2620,
108.6110, 30.5550

■ 161.6560, 57.1710,
15.6590

■ 88.9000, 121.4940,
33.8620

■ 176.0180, 44.2880,
12.3520

■ 81.0750, 128.3710,
35.8830

■ 190.3800, 31.4050,
9.0450

■ 204.6280, 18.8430,
5.4270

■ 219.5770, 5.6850,
1.5970

■ 233.8250, -6.8770,
-2.0210

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



133.3110, 72.5250, 45.7810



132.4590, 82.8910, 23.1070



132.2840, 74.8730, -7.8070

Triad

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



132.4590, 82.8910, 23.1070



102.7780, -71.6980, -55.2660



110.4690, -116.7780, 1.8300

Complementary

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



132.4590, 82.8910, 23.1070



173.5410, -82.8910, -23.1070

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.



116.8460, -116.8220, -8.3900



132.4590, 82.8910, 23.1070



111.3960, -90.4530, -40.2530

Square

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



132.4590, 82.8910, 23.1070



123.3960, 5.8310, -45.1210



116.7370, -106.8700, -23.5580



139.4560, -17.3380, 38.9020

Rectangle

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



132.4590, 82.8910, 23.1070



129.5790, 62.9560, -28.6280



116.7370, -106.8700, -23.5580



113.2900, -117.8320, -1.0960

Sweetspot

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



132.4590, 82.8910, 23.1070



223.7000, 27.5080, 8.0840



138.5880, 44.9650, 71.6930



108.7310, 17.0550, 4.7910



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.



132.4590, 82.8910, 23.1070



129.3440, 111.3160, 31.0920



175.3100, 62.8160, -15.0720



104.8760, 6.2810, 1.8090



63.1900, 99.9460, 27.8980



17.2870, 27.2330, 7.5610

Inverse Universe

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



173.5410, -82.8910, -23.1070



184.6560, -111.3160, -31.0920



130.6900, -62.8160, 15.0720



108.1240, -6.2810, -1.8090



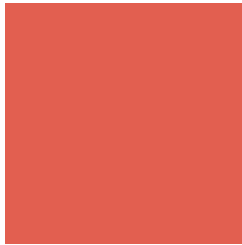
112.8100, -99.9460, -27.8980



31.3000, -27.5080, -8.0840

Previews

White Background



This preview shows how the YIQ color 132.4590, 82.8910, 23.1070 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 132.4590, 82.8910, 23.1070 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 132.4590, 82.8910, 23.1070

Background



This preview shows how black text looks on a background with the YIQ color 132.4590, 82.8910, 23.1070.



This preview shows how white text looks on a background with the YIQ color 132.4590, 82.8910,

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

132.4590, 82.8910, 23.1070

Protanopia

135.6150, 19.7170, -10.4190

Deuteranopia

135.4510, 40.6700, -10.1940



Tritanopia

133.0490, 78.5340, 30.4860

Trichromacy



Original Color

132.4590, 82.8910, 23.1070

Protanomaly

134.4980, 42.4560, 1.4960

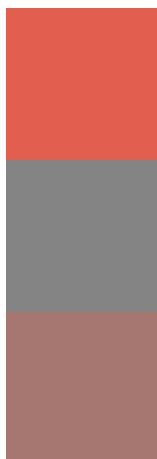
Deuteranomaly

134.4410, 55.7980, 1.9900

Tritanomaly

132.8380, 80.5060, 27.7860

Monochromacy



Original Color

132.4590, 82.8910, 23.1070

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.3690, 29.9380, 8.0980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.4590, 82.8910, 23.1070 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(226, 95, 80)` looks like.

```
.text, #text, p{  
    color:rgb(226, 95, 80)  
}
```

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(226, 95, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 95, 80) }
```

Border

The CSS property to change the border of an element to YIQ 132.4590, 82.8910, 23.1070 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(226, 95, 80) }
```


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

```
.border{ border-color:rgb(226, 95, 80) }
```

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

Here you see how a box with a 4 pixel rgb(226, 95, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 95, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 95, 80);  
box-shadow:4px 4px 4px 4px rgb(226, 95,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 132.4590, 82.8910, 23.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 95, 80) }
```

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

```
.background{ background-color: rgb(226, 95,  
80) }
```

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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