

Converting Colors

YIQ(128.3110, 97.7470, 18.1870)

Have a look what the booklet for
YIQ(128.3110, 97.7470, 18.1870)
contains.

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Color

**YIQ(128.3110, 97.7470,
18.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	E95A33
RGB	233, 90, 51
RGB Percent	91%, 35%, 20%
CMY	0.0860, 0.6473, 0.7996
CMYK	0.00, 0.61, 0.78, 0.09
HSL	13°, 81%, 56%
HSV	13°, 78%, 91%
XYZ	37.8816, 24.8793, 5.9499
YIQ	128.3110, 97.7470, 18.1870

Conversions

Conversions Part 2

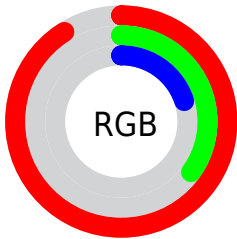
Format	Color
RYB	233, 101, 51
Decimal	15292979
CIELab	56.96, 53.49, 49.89
CIElCh	57, 73.145, 43.010
Yxy	24.8793, 0.5513, 0.3621
Android (android.graphics.Color)	4293483059 (0xFFE95A33)
YUV	128.3110, -38.1143, 91.8123
Hunter-Lab	49.8792, 48.2762, 27.8429

Details

The YIQ color **128.3110, 97.7470, 18.1870** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **155.6890, -97.7470, -18.1870**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7600, 80.0050, 9.3250**, and **69.7280, 92.1990, 19.6150** is the 20% darker color. If you saturate the color by 10%, you get **115.1230, 110.0800, 20.4480**, and if you desaturate by 10%, it is **141.4990, 85.4140, 15.9260**.

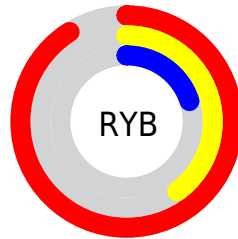
Distribution



Red (91%)

Green (35%)

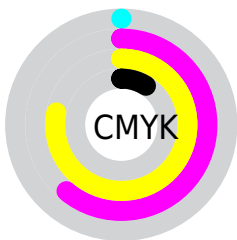
Blue (20%)



Red (91%)

Yellow (40%)

Blue (20%)

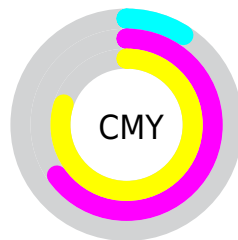


Cyan (0%)

Magenta (61%)

Yellow (78%)

Black (9%)



Cyan (9%)


Magenta (65%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.3110, 97.7470, 18.1870 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 128.3110, 97.7470, 18.1870 by changing the saturation by 10% instead.


 128.3110, 97.7470,
18.1870


 128.3110, 97.7470,
18.1870


255.0000, -0.0000,
-0.0000


 99.5710, 94.0790,
18.5830


 172.7600, 80.0050,
9.3250

 69.7280, 92.1990,
19.6150


 192.1600, 63.9590,
2.7670


 41.5610, 82.8440,
29.4680


 211.5600, 47.9130,
-3.7910

 32.2920, 64.3680,
22.8960

 231.7750, 30.9500,
-10.2500

 23.3220, 46.4880,
16.5360

 249.5280, 15.4080,
-14.9280

 15.1780, 29.1580,
11.2220

 252.8340, 6.0990,

 0.0000, 0.0000,

-5.9090

0.0000

■ 128.3110, 97.7470,
18.1870

■ 128.3110, 97.7470,
18.1870

■ 115.1230,
110.0800, 20.4480

■ 141.4990, 85.4140,
15.9260

■ 101.2340,
123.0090, 22.9210

■ 155.3880, 72.4850,
13.4530


■ 99.0170, 125.1180,
23.2460

■ 168.5760, 60.1520,
11.1920


■ 181.7640, 47.8190,
8.9310

■ 195.6530, 34.8900,
6.4580

■ 208.8410, 22.5570,
4.1970

 222.0290, 10.2240,
1.9360

 235.9180, -2.7050,
-0.5370

 248.4220,
-13.1120, -4.6640

Harmonies

Analogous

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



124.7870, 94.8520, 54.1480



128.3110, 97.7470, 18.1870



128.4460, 82.6240, -21.6320

Triad

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



128.3110, 97.7470, 18.1870



106.7390, -75.9620, -55.0820



108.3150, -118.9800, 8.7000

Complementary

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



128.3110, 97.7470, 18.1870



155.6890, -97.7470, -18.1870

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.



119.4680, -124.2050, -1.2370



128.3110, 97.7470, 18.1870



115.5510, -98.0190, -35.2910

Square

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



128.3110, 97.7470, 18.1870



113.3020, -14.9360, -59.7360



121.1030, -116.4080, -15.8960



140.2830, -0.1930, 53.0790

Rectangle

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



128.3110, 97.7470, 18.1870



127.3730, 57.3640, -37.4200



121.1030, -116.4080, -15.8960



113.0110, -121.1800, 4.5160

Sweetspot

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



128.3110, 97.7470, 18.1870



221.2720, 31.5890, 5.7090



122.0620, 61.6060, 83.9900



106.8730, 19.5310, 3.9710



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.



128.3110, 97.7470, 18.1870



116.6970, 129.0150, 24.2070



179.9670, 73.5470, -27.8370



110.4630, 6.0060, 1.2860



77.0120, 97.1510, 17.9750



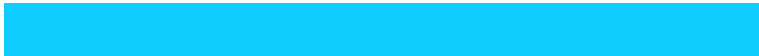
22.6030, 29.1590, 5.6950

Inverse Universe

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



155.6890, -97.7470, -18.1870



153.3030, -129.0150, -24.2070



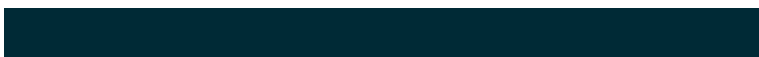
104.0330, -73.5470, 27.8370



112.5370, -6.0060, -1.2860



103.9880, -97.1510, -17.9750



30.8100, -28.8840, -5.1720

Previews

White Background



This preview shows how the YIQ color 128.3110, 97.7470, 18.1870 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 128.3110, 97.7470, 18.1870 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 128.3110, 97.7470, 18.1870

Background



This preview shows how black text looks on a background with the YIQ color 128.3110, 97.7470, 18.1870.



This preview shows how white text looks on a background with the YIQ color 128.3110, 97.7470,

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

128.3110, 97.7470, 18.1870

Protanopia

133.2770, 32.0520, -19.2120

Deuteranopia

132.2980, 53.9220, -19.0860



Tritanopia

130.4200, 87.7950, 33.3550

Trichromacy



Original Color

128.3110, 97.7470, 18.1870

Protanomaly

131.3990, 55.6160, -5.7280

Deuteranomaly

130.5270, 69.8750, -5.3330

Tritanomaly

129.6990, 91.1430, 27.7430

Monochromacy



Original Color

128.3110, 97.7470, 18.1870

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9520, 35.4860, 6.6700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.3110, 97.7470, 18.1870 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(233, 90, 51)` looks like.

```
.text, #text, p{  
    color:rgb(233, 90, 51)  
}
```

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(233, 90, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 90, 51) }
```

Border

The CSS property to change the border of an element to YIQ 128.3110, 97.7470, 18.1870 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(233, 90, 51) }
```


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

```
.border{ border-color:rgb(233, 90, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 90, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 90, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 90, 51);  
box-shadow:4px 4px 4px 4px rgb(233, 90,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 128.3110, 97.7470, 18.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 90, 51) }
```

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

```
.background{ background-color: rgb(233, 90,  
51) }
```

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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