

Converting Colors

YIQ(133.5690, 88.3930, 22.5130)

Have a look what the booklet for
YIQ(133.5690, 88.3930, 22.5130)
contains.

YIQ(133.5690, 88.3930, 22.5130)	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(133.5690, 88.3930,
22.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	E85F4A
RGB	232, 95, 74
RGB Percent	91%, 37%, 29%
CMY	0.0899, 0.6276, 0.7094
CMYK	0.00, 0.59, 0.68, 0.09
HSL	8°, 78%, 60%
HSV	8°, 68%, 91%
XYZ	38.6308, 25.8389, 9.4464
YIQ	133.5690, 88.3930, 22.5130

Conversions

Conversions Part 2

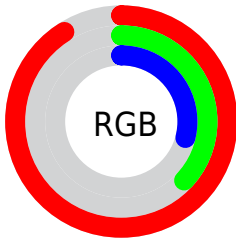
Format	Color
R_{YB}	232, 98, 74
Decimal	15228746
CIE _{Lab}	57.88, 51.90, 38.85
CIE _{LCh}	58, 64.832, 36.812
Yxy	25.8389, 0.5226, 0.3496
Android (android.graphics.Color)	4293418826 (0xFFE85F4A)
YUV	133.5690, -29.3675, 86.3240
Hunter-Lab	50.8320, 46.6990, 24.5641

Details

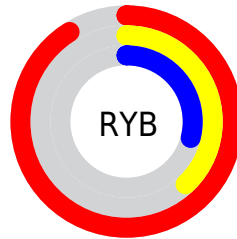
The YIQ color **133.5690, 88.3930, 22.5130** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **172.4310, -88.3930, -22.5130**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.3170, 71.2470, 13.8630**, and **76.9150, 81.6070, 24.3510** is the 20% darker color. If you saturate the color by 10%, you get **119.2070, 101.2760, 25.8200**, and if you desaturate by 10%, it is **147.9310, 75.5100, 19.2060**.

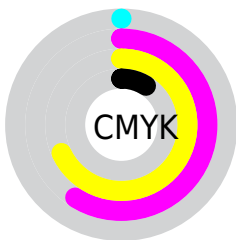
Distribution



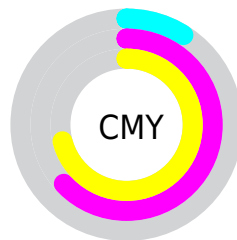
- Red (91%)
- Green (37%)
- Blue (29%)



- Red (91%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (59%)
- Yellow (68%)
- Black (9%)





- Cyan (9%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.5690, 88.3930, 22.5130 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 133.5690, 88.3930, 22.5130 by changing the saturation by 10% instead.


 133.5690, 88.3930,
22.5130


 133.5690, 88.3930,
22.5130

255.0000, -0.0000,
-0.0000


 105.8290, 84.7250,
22.9090


 178.4310, 70.9260,
14.1740


 77.0290, 81.2860,
24.6620


 197.8310, 54.8800,
7.6160


 42.2450, 80.9180,
31.3340


 217.2310, 38.8340,
1.0580

 32.5910, 64.9640,
23.1080

 237.4460, 21.8710,
-5.4010

 23.6210, 47.0840,
16.7480

 252.3780, 7.3830,
-7.1530

 15.7760, 30.3500,
11.6460

 0.0000, 0.0000,

0.0000

■ 133.5690, 88.3930,
22.5130

■ 133.5690, 88.3930,
22.5130

■ 119.2070,
101.2760, 25.8200

■ 147.9310, 75.5100,
19.2060

■ 104.8450,
114.1590, 29.1270

■ 162.4070, 62.3060,
16.2100

■ 90.3690, 127.3630,
32.1230

■ 176.7690, 49.4230,
12.9030

■ 87.5650, 129.7470,
32.9710

■ 191.7180, 36.2650,
9.0730

■ 206.0800, 23.3820,
5.7660

■ 220.4420, 10.4990,
2.4590

■ 234.9180, -2.7050,
-0.5370

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



133.4260, 79.6310, 49.1590



133.5690, 88.3930, 22.5130



133.2750, 79.0920, -12.6840

Triad

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



133.5690, 88.3930, 22.5130



105.5820, -74.0820, -56.1140



112.0820, -119.9420, 4.1060

Complementary

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



133.5690, 88.3930, 22.5130



172.4310, -88.3930, -22.5130

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.



119.8610, -121.1780, -6.5380



133.5690, 88.3930, 22.5130



114.0690, -93.8460, -39.3340

Square

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



133.5690, 88.3930, 22.5130



123.3090, 1.5220, -49.6300



119.7520, -111.2260, -21.7060



142.5430, -13.0290, 43.4110

Rectangle

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



133.5690, 88.3930, 22.5130



129.7870, 65.0660, -33.8300



119.7520, -111.2260, -21.7060



115.7180, -121.9130, 1.2790

Sweetspot

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



133.5690, 88.3930, 22.5130



223.3580, 28.4710, 7.1510



137.2020, 49.2280, 77.0360



108.6170, 17.3760, 4.4800



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.



133.5690, 88.3930, 22.5130



124.9270, 116.8640, 29.6640



178.7680, 67.2180, -17.7580



109.8760, 6.2810, 1.8090



68.2070, 101.2760, 25.8200



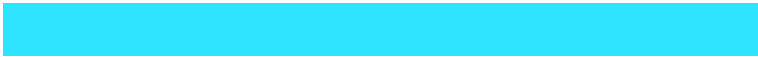
20.2550, 30.2590, 7.7870

Inverse Universe

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



172.4310, -88.3930, -22.5130



176.0730, -116.8640, -29.6640



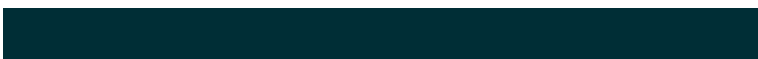
127.8190, -67.4930, 17.2350



113.1240, -6.2810, -1.8090



112.7930, -101.2760, -25.8200



33.1580, -29.9840, -7.2640

Previews

White Background



This preview shows how the YIQ color 133.5690, 88.3930, 22.5130 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 133.5690, 88.3930, 22.5130 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 133.5690, 88.3930, 22.5130

Background



This preview shows how black text looks on a background with the YIQ color 133.5690, 88.3930, 22.5130.



This preview shows how white text looks on a background with the YIQ color 133.5690, 88.3930,

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

133.5690, 88.3930, 22.5130

Protanopia

137.8880, 23.2020, -13.0060

Deuteranopia

137.1370, 44.4300, -12.2580



Tritanopia

134.8430, 82.1100, 31.7580

Trichromacy



Original Color

133.5690, 88.3930, 22.5130

Protanomaly

136.4830, 46.8120, -0.3560

Deuteranomaly

135.8390, 60.4290, 0.6610

Tritanomaly

134.4040, 84.7240, 28.4360

Monochromacy



Original Color

133.5690, 88.3930, 22.5130

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0380, 32.3680, 8.1120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.5690, 88.3930, 22.5130 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(232, 95, 74)` looks like.

```
.text, #text, p{  
    color:rgb(232, 95, 74)  
}
```

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(232, 95, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 95, 74) }
```

Border

The CSS property to change the border of an element to YIQ 133.5690, 88.3930, 22.5130 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(232, 95, 74) }
```


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

```
.border{ border-color:rgb(232, 95, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 95, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 95, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 95, 74);  
box-shadow:4px 4px 4px 4px rgb(232, 95,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 133.5690, 88.3930, 22.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 95, 74) }
```

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

```
.background{ background-color: rgb(232, 95,  
74) }
```

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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