

Converting Colors

YIQ(137.1550, 97.8860, 10.1580)

Have a look what the booklet for
YIQ(137.1550, 97.8860, 10.1580)
contains.

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Color

**YIQ(137.1550, 97.8860,
10.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	ED682E
RGB	237, 104, 46
RGB Percent	93%, 41%, 18%
CMY	0.0703, 0.5923, 0.8192
CMYK	0.00, 0.56, 0.81, 0.07
HSL	18°, 84%, 56%
HSV	18°, 81%, 93%
XYZ	40.3889, 28.1043, 5.8921
YIQ	137.1550, 97.8860, 10.1580

Conversions

Conversions Part 2

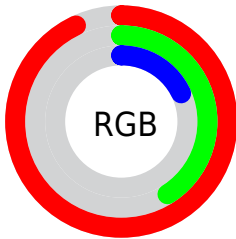
Format	Color
R_{YB}	237, 129, 46
Decimal	15558702
CIE _{Lab}	59.98, 48.39, 55.36
CIE _{LCh}	60, 73.527, 48.840
Yxy	28.1043, 0.5430, 0.3778
Android (android.graphics.Color)	4293748782 (0xFFED682E)
YUV	137.1550, -44.9394, 87.5641
Hunter-Lab	53.0135, 43.2186, 30.5197

Details

The YIQ color **137.1550, 97.8860, 10.1580** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **145.8450, -97.8860, -10.1580**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.9350, 77.7140, 1.2820**, and **81.3760, 89.9540, 10.7380** is the 20% darker color. If you saturate the color by 10%, you get **124.4400, 110.2650, 11.5850**, and if you desaturate by 10%, it is **149.2830, 85.7820, 9.2540**.

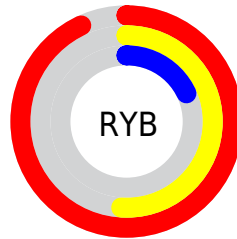
Distribution



Red (93%)

Green (41%)

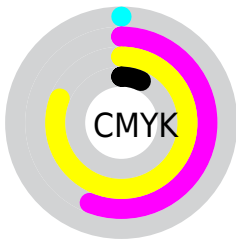
Blue (18%)



Red (93%)

Yellow (51%)

Blue (18%)

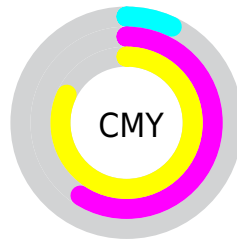


Cyan (0%)

Magenta (56%)

Yellow (81%)

Black (7%)



Cyan (7%)


Magenta (59%)


Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.1550, 97.8860, 10.1580 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 137.1550, 97.8860, 10.1580 by changing the saturation by 10% instead.


 137.1550, 97.8860,
10.1580


 137.1550, 97.8860,
10.1580


255.0000, -0.0000,
-0.0000


 108.6600, 94.9060,
9.0980


 180.0490, 77.3930,
1.5930


 81.3760, 89.9540,
10.7380


 199.3350, 61.6680,
-5.2760


 53.9100, 80.0030,
20.3790


 219.4360, 45.0260,
-12.0460

 33.4880, 66.7520,
23.7440

 239.5370, 28.3840,
-18.8160

 24.5180, 48.8720,
17.3840

 249.1860, 16.3710,
-15.8610

 16.9720, 32.7340,
12.4940

 252.4920, 7.0620,

 3.8870, 7.7480,

-6.8420

2.7560

■ 0.0000, 0.0000,
0.0000

■ 137.1550, 97.8860,
10.1580

■ 137.1550, 97.8860,
10.1580

■ 124.4400,
110.2650, 11.5850

■ 149.2830, 85.7820,
9.2540


■ 113.1270,
121.4520, 12.5880


■ 161.9980, 73.4030,
7.8270

■ 174.5990, 61.3450,
6.0890

■ 186.7270, 49.2410,
5.1850

■ 199.4420, 36.8620,
3.7580

 211.4560, 25.0790,
2.5430

 224.1710, 12.7000,
1.1160

 236.2990, 0.5960,
0.2120

 248.4440,
-10.1780, -2.7700

Harmonies

Analogous

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



133.0550, 96.7330, 47.5890



137.1550, 97.8860, 10.1580



136.0770, 79.0490, -28.4310

Triad

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



137.1550, 97.8860, 10.1580



114.3020, -84.8570, -53.5690



135.1920, -69.7410, 24.9390

Complementary

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



137.1550, 97.8860, 10.1580



145.8450, -97.8860, -10.1580

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.



122.4030, -125.5800, -3.8520



137.1550, 97.8860, 10.1580



123.2280, -107.2350, -33.4670

Square

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



137.1550, 97.8860, 10.1580



116.5970, -34.8800, -61.7280



127.2640, -124.1110, -13.9590



148.0460, 13.8360, 57.6440

Rectangle

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



137.1550, 97.8860, 10.1580



133.5200, 52.2760, -44.3320



127.2640, -124.1110, -13.9590



114.7720, -122.0050, 2.9470

Sweetspot

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



137.1550, 97.8860, 10.1580



222.8050, 31.4060, 3.5180



118.3850, 70.8220, 82.1660



108.5200, 19.0270, 2.0910



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.



137.1550, 97.8860, 10.1580



125.8780, 126.5870, 13.1390



192.9200, 71.7610, -39.5270



111.0500, 5.7310, 0.7630



86.4040, 92.7510, 9.6070



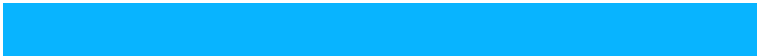
25.5380, 27.7840, 3.0800

Inverse Universe

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



145.8450, -97.8860, -10.1580



137.1220, -126.5870, -13.1390



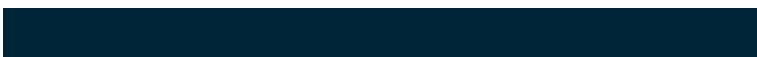
90.0800, -71.7610, 39.5270



111.9500, -5.7310, -0.7630



94.5960, -92.7510, -9.6070



27.8750, -27.5090, -2.5570

Previews

White Background



This preview shows how the YIQ color 137.1550, 97.8860, 10.1580 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 137.1550, 97.8860, 10.1580 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 137.1550, 97.8860, 10.1580

Background



This preview shows how black text looks on a background with the YIQ color 137.1550, 97.8860, 10.1580.



This preview shows how white text looks on a background with the YIQ color 137.1550, 97.8860,

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

137.1550, 97.8860, 10.1580

Protanopia

140.0510, 38.3800, -23.7640

Deuteranopia

139.3000, 59.6080, -23.0160



Tritanopia

140.8430, 82.1100, 31.7580

Trichromacy



Original Color

137.1550, 97.8860, 10.1580

Protanomaly

138.8630, 59.8810, -11.4390

Deuteranomaly

138.6920, 73.5440, -11.2560

Tritanomaly

139.3240, 87.7050, 23.9690

Monochromacy



Original Color

137.1550, 97.8860, 10.1580

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.9580, 35.3490, 3.6450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.1550, 97.8860, 10.1580 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, 104, 46)` looks like.

```
.text, #text, p{  
    color:rgb(237, 104, 46)  
}
```

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, 104, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 104, 46) }
```

Border

The CSS property to change the border of an element to YIQ 137.1550, 97.8860, 10.1580 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, 104, 46) }
```


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

```
.border{ border-color:rgb(237, 104, 46) }
```

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

Here you see how a box with a 4 pixel rgb(237, 104, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 104, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 104, 46);  
box-shadow:4px 4px 4px 4px rgb(237, 104,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 137.1550, 97.8860, 10.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 104, 46) }
```

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

```
.background{ background-color: rgb(237,  
104, 46) }
```

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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