

Converting Colors

YIQ(138.5860, 80.5550, 10.3710)

Have a look what the booklet for
YIQ(138.5860, 80.5550, 10.3710)
contains.

YIQ(138.5860, 80.5550, 10.3710)	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(138.5860, 80.5550,
10.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6E43
RGB	222, 110, 67
RGB Percent	87%, 43%, 26%
CMY	0.1292, 0.5688, 0.7369
CMYK	0.00, 0.50, 0.70, 0.13
HSL	17°, 70%, 57%
HSV	17°, 70%, 87%
XYZ	36.7296, 27.0873, 8.6169
YIQ	138.5860, 80.5550, 10.3710

Conversions

Conversions Part 2

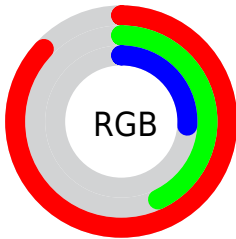
Format	Color
RYB	222, 127, 67
Decimal	14577219
CIELab	59.06, 40.68, 43.54
CIElCh	59, 59.584, 46.945
Yxy	27.0873, 0.5071, 0.3740
Android (android.graphics.Color)	4292767299 (0xFFDE6E43)
YUV	138.5860, -35.2919, 73.1541
Hunter-Lab	52.0454, 34.8919, 26.6155

Details

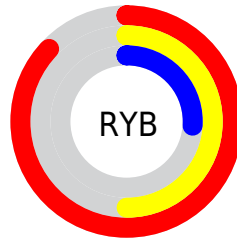
The YIQ color **138.5860, 80.5550, 10.3710** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **150.4140, -80.5550, -10.3710**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8510, 69.3230, 4.6750**, and **84.9380, 73.6320, 9.1840** is the 20% darker color. If you saturate the color by 10%, you get **126.6860, 92.0170, 11.8970**, and if you desaturate by 10%, it is **150.4860, 69.0930, 8.8450**.

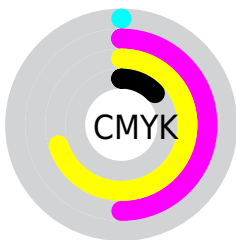
Distribution



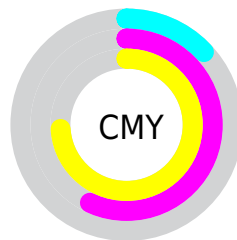
- Red (87%)
- Green (43%)
- Blue (26%)



- Red (87%)
- Yellow (50%)
- Blue (26%)



- Cyan (0%)
- Magenta (50%)
- Yellow (70%)
- Black (13%)




- Cyan (13%)
- Magenta (57%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.5860, 80.5550, 10.3710 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 138.5860, 80.5550, 10.3710 by changing the saturation by 10% instead.


 138.5860, 80.5550,
10.3710


 138.5860, 80.5550,
10.3710


255.0000, -0.0000,
-0.0000

 111.3190, 76.9330,
9.9330


 185.8510, 69.3230,
4.6750


 85.0520, 73.3110,
9.4950


 204.6640, 53.5520,
-1.3600


 57.9530, 69.2760,
11.0360


 224.7650, 36.9100,
-8.1300

 30.1990, 60.1960,
21.4120

 244.8660, 20.2680,
-14.9000

 21.5280, 42.9120,
15.2640

 251.5800, 9.6300,
-9.3300

 14.5800, 27.9660,
10.7980

254.8860, 0.3210,

 0.0000, 0.0000,

-0.3110

0.0000

■ 138.5860, 80.5550,
10.3710

■ 138.5860, 80.5550,
10.3710

■ 126.6860, 92.0170,
11.8970

■ 150.4860, 69.0930,
8.8450

■ 114.7860,
103.4790, 13.4230

■ 162.5000, 57.3100,
7.6300

■ 102.7720,
115.2620, 14.6380

■ 174.4000, 45.8480,
6.1040

■ 102.1850,
115.5370, 15.1610

■ 186.3000, 34.3860,
4.5780

■ 198.2000, 22.9240,
3.0520

■ 210.1000, 11.4620,
1.5260

■ 222.1140, -0.3210,
0.3110

■ 234.0140,
-11.7830, -1.2150

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



138.5640, 78.7620, 37.3700



138.5860, 80.5550, 10.3710



136.5290, 66.3930, -19.3270

Triad

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



138.5860, 80.5550, 10.3710



110.7800, -83.2070, -50.4310



137.7110, -58.1410, 23.9630

Complementary

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



138.5860, 80.5550, 10.3710



150.4140, -80.5550, -10.3710

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.



118.8010, -120.9490, -5.1810



138.5860, 80.5550, 10.3710



117.5230, -100.8160, -34.1600

Square

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



138.5860, 80.5550, 10.3710



124.7660, -18.6980, -46.6180



121.1200, -115.0780, -17.9740



146.3190, 8.1530, 44.9930

Rectangle

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



138.5860, 80.5550, 10.3710



134.2780, 47.5060, -34.9740



121.1200, -115.0780, -17.9740



124.2330, -95.3220, 9.4620

Sweetspot

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



138.5860, 80.5550, 10.3710



225.9510, 28.0590, 3.6030



126.3410, 55.7860, 68.3140



110.2640, 16.8720, 2.6000



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.



138.5860, 80.5550, 10.3710



139.6190, 111.3190, 14.5110



183.1980, 59.6550, -29.3770



106.0500, 5.7310, 0.7630



81.3870, 91.4210, 11.6850



21.9830, 25.0330, 3.3770

Inverse Universe

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



150.4140, -80.5550, -10.3710



156.3810, -111.3190, -14.5110



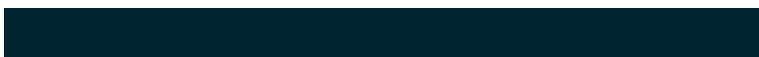
105.8020, -59.6550, 29.3770



106.9500, -5.7310, -0.7630



94.6130, -91.4210, -11.6850



26.0170, -25.0330, -3.3770

Previews

White Background



This preview shows how the YIQ color 138.5860, 80.5550, 10.3710 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 138.5860, 80.5550, 10.3710 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 138.5860, 80.5550, 10.3710

Background



This preview shows how black text looks on a background with the YIQ color 138.5860, 80.5550, 10.3710.



This preview shows how white text looks on a background with the YIQ color 138.5860, 80.5550,

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

138.5860, 80.5550, 10.3710

Protanopia

139.7760, 29.2090, -17.2470

Deuteranopia

139.7090, 48.5110, -14.6330



Tritanopia

141.3790, 68.6770, 27.4050

Trichromacy



Original Color

138.5860, 80.5550, 10.3710

Protanomaly

139.4520, 48.0970, -7.1270

Deuteranomaly

139.4380, 59.8800, -5.9120

Tritanomaly

140.4300, 72.6670, 21.1710

Monochromacy



Original Color

138.5860, 80.5550, 10.3710

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.5490, 29.2510, 4.0270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.5860, 80.5550, 10.3710 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(222, 110, 67)` looks like.

```
.text, #text, p{  
    color:rgb(222, 110, 67)  
}
```

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(222, 110, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 110, 67) }
```

Border

The CSS property to change the border of an element to YIQ 138.5860, 80.5550, 10.3710 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(222, 110, 67) }
```


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

```
.border{ border-color:rgb(222, 110, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 110, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 110, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 110, 67);  
box-shadow:4px 4px 4px 4px rgb(222, 110,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 138.5860, 80.5550, 10.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 110, 67) }
```

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

```
.background{ background-color: rgb(222,  
110, 67) }
```

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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