

Converting Colors

YIQ(137.3660, 86.7460, 2.7940)

Have a look what the booklet for
YIQ(137.3660, 86.7460, 2.7940)
contains.

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Color

**YIQ(137.3660, 86.7460,
2.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	DE702E
RGB	222, 112, 46
RGB Percent	87%, 44%, 18%
CMY	0.1292, 0.5609, 0.8192
CMYK	0.00, 0.50, 0.79, 0.13
HSL	22°, 73%, 53%
HSV	22°, 79%, 87%
XYZ	36.4256, 27.3146, 5.9476
YIQ	137.3660, 86.7460, 2.7940

Conversions

Conversions Part 2

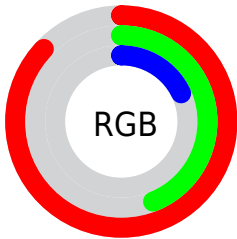
Format	Color
RYB	222, 152, 46
Decimal	14577710
CIELab	59.26, 38.77, 53.88
CIELCh	59, 66.379, 54.265
Yxy	27.3146, 0.5227, 0.3920
Android (android.graphics.Color)	4292767790 (0xFFDE702E)
YUV	137.3660, -45.0434, 74.2240
Hunter-Lab	52.2634, 32.9468, 29.8371

Details

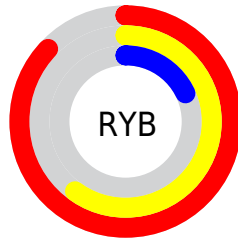
The YIQ color **137.3660, 86.7460, 2.7940** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **130.6340, -86.7460, -2.7940**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.1580, 75.4680, -2.0680**, and **83.6470, 78.5850, 2.0170** is the 20% darker color. If you saturate the color by 10%, you get **126.6400, 97.6580, 3.2740**, and if you desaturate by 10%, it is **148.0920, 75.8340, 2.3140**.

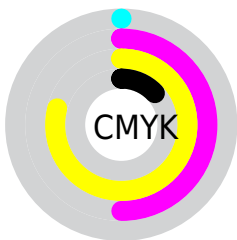
Distribution



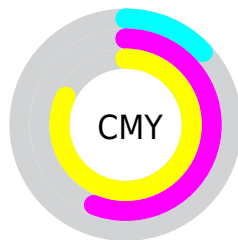
- Red (87%)
- Green (44%)
- Blue (18%)



- Red (87%)
- Yellow (60%)
- Blue (18%)



- Cyan (0%)
- Magenta (50%)
- Yellow (79%)
- Black (13%)



- Cyan (13%)
- Magenta (56%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.3660, 86.7460, 2.7940 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 137.3660, 86.7460, 2.7940 by changing the saturation by 10% instead.

137.3660, 86.7460,
2.7940

137.3660, 86.7460,
2.7940

255.0000, -0.0000,
-0.0000

109.7570, 84.0870,
1.4230

184.1580, 75.4680,
-2.0680

83.6470, 78.5850,
2.0170

203.5580, 59.4220,
-8.6260

59.4150, 67.8550,
9.2550

222.9580, 43.3760,
-15.1840

32.8350, 58.2250,
18.5850

243.1730, 26.4130,
-21.6430

21.2290, 42.3160,
15.0520

249.3000, 16.0500,
-15.5500

14.2810, 27.3700,
10.5860

252.4920, 7.0620,

0.0000, 0.0000,

-6.8420

0.0000

■ 137.3660, 86.7460,
2.7940

■ 137.3660, 86.7460,
2.7940

■ 126.6400, 97.6580,
3.2740

■ 148.0920, 75.8340,
2.3140

■ 115.9140,
108.5700, 3.7540

■ 158.9320, 64.6010,
2.1450

■ 115.0990,
109.4870, 3.6550

■ 169.6580, 53.6890,
1.6650

■ 180.3840, 42.7770,
1.1850

■ 190.5230, 32.1400,
1.2280

■ 201.2490, 21.2280,
0.7480

■ 212.0890, 9.9950,
0.5790

■ 222.8150, -0.9170,
0.0990

■ 233.5410,
-11.8290, -0.3810

Harmonies

Analogous

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



136.0830, 90.3620, 36.3940



137.3660, 86.7460, 2.7940



133.6520, 69.8800, -32.9680

Triad

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



137.3660, 86.7460, 2.7940



113.9090, -87.8840, -48.2680



141.5650, -45.6260, 33.9420

Complementary

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



137.3660, 86.7460, 2.7940



130.6340, -86.7460, -2.7940

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.



118.8810, -123.9300, -0.7140



137.3660, 86.7460, 2.7940



120.7490, -107.1440, -29.6080

Square

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



137.3660, 86.7460, 2.7940



114.7130, -46.7100, -56.5820



123.8730, -121.4520, -12.5880



146.2010, 23.4650, 53.8410

Rectangle

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



137.3660, 86.7460, 2.7940



130.8180, 45.4450, -47.1870



123.8730, -121.4520, -12.5880



131.8810, -79.2310, 20.7130

Sweetspot

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



137.3660, 86.7460, 2.7940



225.7400, 30.0310, 0.9030



111.3920, 68.9440, 72.1440



109.6940, 18.4770, 1.0450



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.



137.3660, 86.7460, 2.7940



138.1880, 119.4820, 4.2340



188.4350, 62.8210, -42.7070



106.6370, 5.4560, 0.2400



91.3660, 86.7460, 2.7940



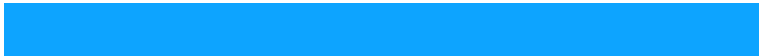
24.9180, 23.6580, 0.7620

Inverse Universe

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



130.6340, -86.7460, -2.7940



129.2250, -119.2070, -3.7110



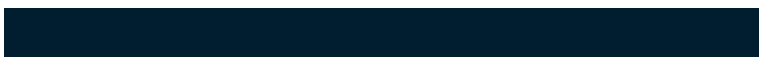
80.1520, -63.0960, 42.1840



106.3630, -5.4560, -0.2400



84.6340, -86.7460, -2.7940



23.0820, -23.6580, -0.7620

Previews

White Background



This preview shows how the YIQ color 137.3660, 86.7460, 2.7940 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 137.3660, 86.7460, 2.7940 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 137.3660, 86.7460, 2.7940

Background



This preview shows how black text looks on a background with the YIQ color 137.3660, 86.7460, 2.7940.



This preview shows how white text looks on a background with the YIQ color 137.3660, 86.7460,

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

137.3660, 86.7460, 2.7940

Protanopia

138.0510, 38.3800, -23.7640

Deuteranopia

137.9840, 57.6820, -21.1500



Tritanopia

141.6780, 69.2730, 27.6170

Trichromacy



Original Color

137.3660, 86.7460, 2.7940

Protanomaly

138.1290, 56.0760, -14.0680

Deuteranomaly

137.5280, 68.1340, -12.3300

Tritanomaly

140.4040, 75.5560, 18.3720

Monochromacy



Original Color

137.3660, 86.7460, 2.7940

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2240, 31.5440, 1.0160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3660, 86.7460, 2.7940 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, 112, 46)` looks like.

```
.text, #text, p{  
    color:rgb(222, 112, 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(222, 112, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 112, 46) }
```

Border

The CSS property to change the border of an element to YIQ 137.3660, 86.7460, 2.7940 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, 112, 46) }
```


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

```
.border{ border-color:rgb(222, 112, 46) }
```

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

Here you see how a box with a 4 pixel rgb(222, 112, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 112, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 112, 46);  
box-shadow:4px 4px 4px 4px rgb(222, 112,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3660, 86.7460, 2.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 112, 46) }
```

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

```
.background{ background-color: rgb(222,  
112, 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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