

Converting Colors

YIQ(137.7910, 86.7470, -2.7330)

Have a look what the booklet for
YIQ(137.7910, 86.7470, -2.7330)
contains.

YIQ(137.7910, 86.7470, -2.7330)	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(137.7910, 86.7470,
-2.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7425
RGB	219, 116, 37
RGB Percent	86%, 45%, 15%
CMY	0.1410, 0.5452, 0.8545
CMYK	0.00, 0.47, 0.83, 0.14
HSL	26°, 72%, 50%
HSV	26°, 83%, 86%
XYZ	35.8044, 27.6828, 5.2150
YIQ	137.7910, 86.7470, -2.7330

Conversions

Conversions Part 2

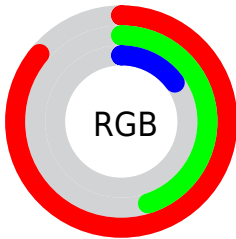
Format	Color
RYB	219, 177, 37
Decimal	14382117
CIELab	59.60, 35.24, 57.71
CIELCh	60, 67.623, 58.592
Yxy	27.6828, 0.5212, 0.4029
Android (android.graphics.Color)	4292572197 (0xFFDB7425)
YUV	137.7910, -49.6900, 71.2203
Hunter-Lab	52.6144, 29.3948, 30.9534

Details

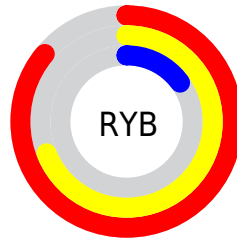
The YIQ color **137.7910, 86.7470, -2.7330** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **118.2090, -86.7470, 2.7330**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.5940, 76.9360, -6.6480**, and **85.6850, 75.4220, -1.2340** is the 20% darker color. If you saturate the color by 10%, you get **128.2390, 97.1090, -3.2990**, and if you desaturate by 10%, it is **147.3430, 76.3850, -2.1670**.

Distribution



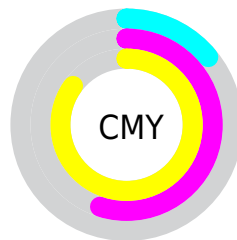
- Red (86%)
- Green (45%)
- Blue (15%)



- Red (86%)
- Yellow (69%)
- Blue (15%)



- Cyan (0%)
- Magenta (47%)
- Yellow (83%)
- Black (14%)





- Cyan (14%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.7910, 86.7470, -2.7330 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 137.7910, 86.7470, -2.7330 by changing the saturation by 10% instead.


 137.7910, 86.7470,
-2.7330


 137.7910, 86.7470,
-2.7330


255.0000, -0.0000,
-0.0000


 109.4980, 86.0140,
-5.9700


 185.5940, 76.9360,
-6.6480


 85.6850, 75.4220,
-1.2340


 204.9940, 60.8900,
-13.2060


 62.0400, 64.4170,
5.4810


 224.5080, 44.5230,
-19.4530

 38.1070, 54.2830,
12.9310

 244.6090, 27.8810,
-26.2230

 20.6310, 41.1240,
14.6280

 248.3880, 18.6180,
-18.0380

 13.6830, 26.1780,
10.1620

 251.6940, 9.3090,

 0.0000, 0.0000,

-9.0190

0.0000

■ 137.7910, 86.7470,
-2.7330

■ 137.7910, 86.7470,
-2.7330

■ 128.2390, 97.1090,
-3.2990

■ 147.3430, 76.3850,
-2.1670

■ 121.2460,
104.3990, -3.2570

■ 157.4820, 65.7480,
-2.1240

■ 167.0340, 55.3860,
-1.5580

■ 177.1730, 44.7490,
-1.5150

■ 186.7250, 34.3870,
-0.9490

■ 196.2770, 24.0250,
-0.3830

■ 206.3020, 13.7090,
-0.6510

■ 215.8540, 3.3470,
-0.0850

■ 225.9930, -7.2900,
-0.0420

Harmonies

Analogous

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



136.6440, 92.9760, 33.0720



137.7910, 86.7470, -2.7330



134.2060, 65.2040, -36.3320

Triad

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



137.7910, 86.7470, -2.7330



115.6360, -91.3690, -45.6810



144.4740, -34.9440, 38.5920

Complementary

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



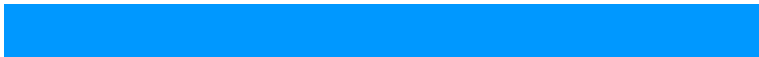
137.7910, 86.7470, -2.7330



118.2090, -86.7470, 2.7330

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.



118.2940, -123.6550, -0.1910



137.7910, 86.7470, -2.7330



122.4760, -110.6290, -27.0210

Square

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



137.7910, 86.7470, -2.7330



106.3340, -70.6880, -62.5600



124.7850, -124.0200, -10.1000



146.2730, 32.1300, 56.4980

Rectangle

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



137.7910, 86.7470, -2.7330



130.1870, 39.8520, -50.4520



124.7850, -124.0200, -10.1000



137.2960, -64.1020, 27.3700

Sweetspot

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



137.7910, 86.7470, -2.7330



226.5720, 30.4440, -1.0760



103.1600, 75.4090, 70.6170



110.6400, 18.5690, -0.6230



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.



137.7910, 86.7470, -2.7330



141.4020, 121.4550, -3.9930



191.2080, 61.7220, -50.3260



104.6370, 5.4560, 0.2400



95.7520, 82.4830, -2.5490



25.4940, 21.9160, -0.7080

Inverse Universe

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



118.2090, -86.7470, 2.7330



113.5980, -121.4550, 3.9930



64.7920, -61.7220, 50.3260



103.7760, -5.1810, 0.2830



77.2480, -82.4830, 2.5490



20.5060, -21.9160, 0.7080

Previews

White Background



This preview shows how the YIQ color 137.7910, 86.7470, -2.7330 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 137.7910, 86.7470, -2.7330 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 137.7910, 86.7470, -2.7330

Background



This preview shows how black text looks on a background with the YIQ color 137.7910, 86.7470, -2.7330.



This preview shows how white text looks on a background with the YIQ color 137.7910, 86.7470, -2.7330.

-2.7330.

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

137.7910, 86.7470, -2.7330

Protanopia

137.6830, 42.2320, -27.4960

Deuteranopia

137.9150, 62.1300, -24.6700



Tritanopia

143.2970, 65.9720, 26.8680

Trichromacy



Original Color

137.7910, 86.7470, -2.7330

Protanomaly

137.7500, 58.4610, -18.7470

Deuteranomaly

137.5620, 70.7940, -16.4860

Tritanomaly

141.4530, 73.8600, 16.0680

Monochromacy



Original Color

137.7910, 86.7470, -2.7330

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.7570, 31.3610, -1.1750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7910, 86.7470, -2.7330 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(219, 116, 37)` looks like.

```
.text, #text, p{  
    color:rgb(219, 116, 37)  
}
```

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(219, 116, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 116, 37) }
```

Border

The CSS property to change the border of an element to YIQ 137.7910, 86.7470, -2.7330 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(219, 116, 37) }
```


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

```
.border{ border-color:rgb(219, 116, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 116, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 116, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 116, 37);  
box-shadow:4px 4px 4px 4px rgb(219, 116,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7910, 86.7470, -2.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 116, 37) }
```

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

```
.background{ background-color: rgb(219,  
116, 37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor