

Converting Colors

YIQ(137.8270, 68.7300,
-12.1180)

Have a look what the booklet for
YIQ(137.8270, 68.7300, -12.1180)
contains.

YIQ(137.8270, 68.7300, -12.1180)	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(137.8270, 68.7300,
-12.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	C47F29
RGB	196, 127, 41
RGB Percent	77%, 50%, 16%
CMY	0.2313, 0.5021, 0.8389
CMYK	0.00, 0.35, 0.79, 0.23
HSL	33°, 65%, 46%
HSV	33°, 79%, 77%
XYZ	30.7596, 27.0714, 5.7099
YIQ	137.8270, 68.7300, -12.1180

Conversions

Conversions Part 2

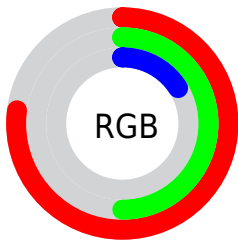
Format	Color
RYB	165, 196, 41
Decimal	12877609
CIELab	59.04, 19.83, 54.52
CIELCh	59, 58.015, 70.011
Yxy	27.0714, 0.4841, 0.4260
Android (android.graphics.Color)	4291067689 (0xFFC47F29)
YUV	137.8270, -47.7357, 51.0177
Hunter-Lab	52.0302, 14.4742, 29.9146

Details

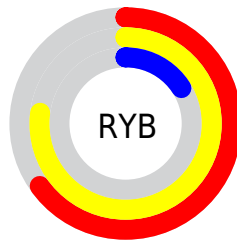
The YIQ color **137.8270, 68.7300, -12.1180** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **99.1730, -68.7300, 12.1180**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.5070, 72.6270, -11.1570**, and **86.7490, 60.2020, -11.7500** is the 20% darker color. If you saturate the color by 10%, you get **130.2640, 77.6250, -13.6310**, and if you desaturate by 10%, it is **145.3900, 59.8350, -10.6050**.

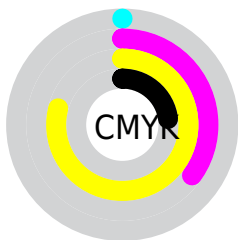
Distribution



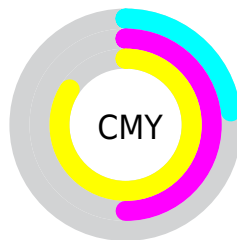
- Red (77%)
- Green (50%)
- Blue (16%)



- Red (65%)
- Yellow (77%)
- Blue (16%)



- Cyan (0%)
- Magenta (35%)
- Yellow (79%)
- Black (23%)



- Cyan (23%)
- Magenta (50%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8270, 68.7300, -12.1180 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 137.8270, 68.7300, -12.1180 by changing the saturation by 10% instead.

■ 137.8270, 68.7300,
-12.1180

■ 137.8270, 68.7300,
-12.1180

■ 255.0000, -0.0000,
-0.0000

■ 110.6480, 67.6760,
-15.0440

■ 192.5070, 72.6270,
-11.1570

■ 86.7490, 60.2020,
-11.7500

■ 211.3200, 56.8560,
-17.1920

■ 64.5770, 49.2430,
-5.8690

■ 231.4210, 40.2140,
-23.9620

■ 43.2910, 38.6050,
-0.2990

■ 245.6520, 26.3220,
-25.5020

■ 22.3040, 28.5630,
5.4830

■ 248.8440, 17.3340,
-16.7940

■ 8.7850, 16.9630,
6.4590

■ 252.1500, 8.0250,

■ 0.0000, 0.0000,

-7.7750

0.0000

■ 137.8270, 68.7300,
-12.1180

■ 137.8270, 68.7300,
-12.1180

■ 130.2640, 77.6250,
-13.6310

■ 145.3900, 59.8350,
-10.6050

■ 123.4020, 85.9240,
-15.3560

■ 152.2520, 51.5360,
-8.8800

■ 122.5870, 86.8410,
-15.4550

■ 159.8150, 42.6410,
-7.3670

■ 167.3780, 33.7460,
-5.8540

■ 174.8270, 25.1720,
-4.6520

■ 181.8030, 16.5520,
-2.6160

■ 189.2520, 7.9780,
-1.4140

■ 196.8150, -0.9170,
0.0990

■ 204.3780, -9.8120,
1.6120

Harmonies

Analogous

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



138.8020, 80.1870, 17.0430



137.8270, 68.7300, -12.1180



134.1680, 42.0040, -34.3800

Triad

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



137.8270, 68.7300, -12.1180



116.0410, -96.6430, -38.2030



146.1540, -4.6840, 40.8520

Complementary

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



137.8270, 68.7300, -12.1180



99.1730, -68.7300, 12.1180

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.



131.3880, -76.5250, 15.7230



137.8270, 68.7300, -12.1180



120.3390, -111.5010, -22.2290

Square

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



137.8270, 68.7300, -12.1180



108.2380, -78.8050, -53.1170



119.2910, -119.5730, -8.0930



143.5760, 44.0980, 48.8500

Rectangle

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



137.8270, 68.7300, -12.1180



130.6250, 12.6160, -41.4320



119.2910, -119.5730, -8.0930



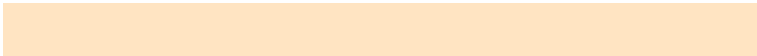
144.5150, -24.9940, 34.4780

Sweetspot

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



137.8270, 68.7300, -12.1180



232.1970, 27.0060, -4.8500



95.3250, 69.9100, 54.6300



113.8030, 16.5520, -2.6160



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.



137.8270, 68.7300, -12.1180



164.0160, 107.3820, -18.7780



175.9380, 44.9870, -49.9010



93.5120, 4.3100, -1.0180



100.3820, 71.4810, -12.4150



20.4330, 14.7180, -2.4180

Inverse Universe

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



99.1730, -68.7300, 12.1180



103.9840, -107.3820, 18.7780



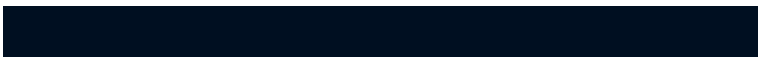
61.0620, -44.9870, 49.9010



91.0750, -4.5850, 0.4950



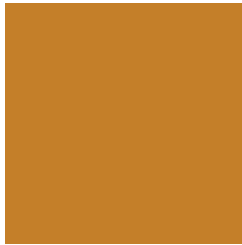
60.6180, -71.4810, 12.4150



12.5670, -14.7180, 2.4180

Previews

White Background



This preview shows how the YIQ color 137.8270, 68.7300, -12.1180 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 137.8270, 68.7300, -12.1180 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 137.8270, 68.7300, -12.1180

Background



This preview shows how black text looks on a background with the YIQ color 137.8270, 68.7300, -12.1180.



This preview shows how white text looks on a background with the YIQ color 137.8270, 68.7300, -12.1180.

-12.1180.

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

137.8270, 68.7300, -12.1180

Protanopia

136.9110, 41.5900, -26.8740

Deuteranopia

137.0980, 57.3610, -20.8390



Tritanopia

144.4300, 46.3040, 19.8720

Trichromacy



Original Color

137.8270, 68.7300, -12.1180

Protanomaly

137.1620, 51.3090, -21.2910

Deuteranomaly

137.2450, 61.4410, -17.6870

Tritanomaly

142.0590, 54.2380, 8.2380

Monochromacy



Original Color

137.8270, 68.7300, -12.1180

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.9410, 24.8510, -4.3410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8270, 68.7300, -12.1180 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(196, 127, 41)` looks like.

```
.text, #text, p{  
    color:rgb(196, 127, 41)  
}
```

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(196, 127, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 127, 41) }
```

Border

The CSS property to change the border of an element to YIQ 137.8270, 68.7300, -12.1180 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(196, 127, 41) }
```


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

```
.border{ border-color:rgb(196, 127, 41) }
```

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

Here you see how a box with a 4 pixel rgb(196, 127, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 127, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 127, 41);  
box-shadow:4px 4px 4px 4px rgb(196, 127,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8270, 68.7300, -12.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 127, 41) }
```

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

```
.background{ background-color: rgb(196,  
127, 41) }
```

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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