

Converting Colors

YIQ(142.8870, 77.6690, -3.4110)

Have a look what the booklet for
YIQ(142.8870, 77.6690, -3.4110)
contains.

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Color

**YIQ(142.8870, 77.6690,
-3.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	D77C33
RGB	215, 124, 51
RGB Percent	84%, 49%, 20%
CMY	0.1567, 0.5139, 0.7996
CMYK	0.00, 0.42, 0.76, 0.16
HSL	27°, 67%, 52%
HSV	27°, 76%, 84%
XYZ	35.8396, 29.0992, 6.8705
YIQ	142.8870, 77.6690, -3.4110

Conversions

Conversions Part 2

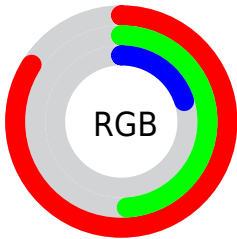
Format	Color
R_{YB}	215, 183, 51
Decimal	14122035
CIE _{Lab}	60.87, 29.89, 52.91
CIE _{LCh}	61, 60.770, 60.534
Yxy	29.0992, 0.4991, 0.4052
Android (android.graphics.Color)	4292312115 (0xFFD77C33)
YUV	142.8870, -45.3003, 63.2431
Hunter-Lab	53.9437, 24.1920, 30.2091

Details

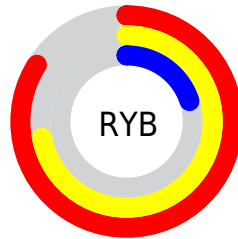
The YIQ color **142.8870, 77.6690, -3.4110** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **123.1130, -77.6690, 3.4110**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7720, 70.5630, -6.7890**, and **89.4840, 71.4340, -6.0540** is the 20% darker color. If you saturate the color by 10%, you get **133.4490, 87.7100, -3.6660**, and if you desaturate by 10%, it is **152.4390, 67.3070, -2.8450**.

Distribution



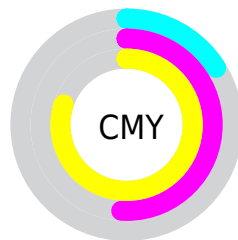
- Red (84%)
- Green (49%)
- Blue (20%)



- Red (84%)
- Yellow (72%)
- Blue (20%)



- Cyan (0%)
- Magenta (42%)
- Yellow (76%)
- Black (16%)




- Cyan (16%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.8870, 77.6690, -3.4110 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 142.8870, 77.6690, -3.4110 by changing the saturation by 10% instead.


 142.8870, 77.6690,
-3.4110


 142.8870, 77.6690,
-3.4110


255.0000, -0.0000,
-0.0000


 116.2780, 75.0100,
-4.7820


 191.7720, 70.5630,
-6.7890


 89.4840, 71.4340,
-6.0540


 211.1720, 54.5170,
-13.3470


 66.7250, 60.7500,
0.3500


 230.6860, 38.1500,
-19.5940

 43.9660, 50.0660,
6.7540

 246.6780, 23.4330,
-22.7030

 21.5060, 39.9780,
13.3700

 249.9840, 14.1240,
-13.6840

 13.2700, 25.9030,
9.6390

 253.1760, 5.1360,

 0.0000, 0.0000,

-4.9760

0.0000

■ 142.8870, 77.6690,
-3.4110

■ 142.8870, 77.6690,
-3.4110

■ 133.4490, 87.7100,
-3.6660

■ 152.4390, 67.3070,
-2.8450

■ 123.8970, 98.0720,
-4.2320

■ 161.8770, 57.2660,
-2.5900

■ 120.6370,
101.7400, -4.6280

■ 171.4290, 46.9040,
-2.0240

■ 180.8670, 36.8630,
-1.7690

■ 190.4190, 26.5010,
-1.2030

■ 199.8570, 16.4600,
-0.9480

■ 209.4090, 6.0980,
-0.3820

■ 218.8470, -3.9430,
-0.1270

■ 227.8120,
-14.0300, 0.9620

Harmonies

Analogous

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



143.0510, 84.2200, 26.5560



142.8870, 77.6690, -3.4110



139.5780, 55.5290, -31.6950

Triad

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



142.8870, 77.6690, -3.4110



117.6080, -94.1660, -44.5500



149.0960, -25.1320, 36.9800

Complementary

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



142.8870, 77.6690, -3.4110



123.1130, -77.6690, 3.4110

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.



118.7670, -123.6090, -1.0250



142.8870, 77.6690, -3.4110



123.7640, -111.5000, -27.7560

Square

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



142.8870, 77.6690, -3.4110



117.0630, -59.3190, -53.8390



124.8020, -122.6900, -12.1780



150.2850, 31.8560, 50.4480

Rectangle

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



142.8870, 77.6690, -3.4110



136.3080, 29.6260, -41.3340



124.8020, -122.6900, -12.1780



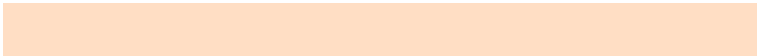
144.8370, -49.5680, 28.2880

Sweetspot

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



142.8870, 77.6690, -3.4110



228.9030, 28.0140, -1.0900



110.6380, 67.8910, 63.6910



112.1560, 17.0560, -0.7360



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.



142.8870, 77.6690, -3.4110



152.8290, 109.9470, -4.6850



189.8470, 55.6690, -45.2510



102.2240, 5.1810, -0.2830



95.7410, 81.0160, -3.4960



24.0100, 20.4030, -0.8210

Inverse Universe

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



123.1130, -77.6690, 3.4110



125.1710, -109.9470, 4.6850



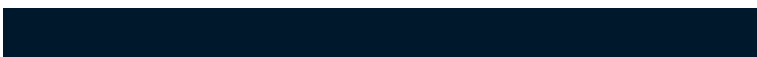
76.1530, -55.6690, 45.2510



100.7760, -5.1810, 0.2830



75.2590, -81.0160, 3.4960



18.9900, -20.4030, 0.8210

Previews

White Background



This preview shows how the YIQ color 142.8870, 77.6690, -3.4110 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 142.8870, 77.6690, -3.4110 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 142.8870, 77.6690, -3.4110

Background



This preview shows how black text looks on a background with the YIQ color 142.8870, 77.6690, -3.4110.



This preview shows how white text looks on a background with the YIQ color 142.8870, 77.6690, -3.4110.

-3.4110.

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

142.8870, 77.6690, -3.4110

Protanopia

142.5240, 38.4260, -24.5980

Deuteranopia

142.7390, 56.9940, -19.6940



Tritanopia

147.8230, 58.4990, 24.6350

Trichromacy



Original Color

142.8870, 77.6690, -3.4110

Protanomaly

142.5800, 53.1880, -16.7960

Deuteranomaly

142.7340, 64.5580, -13.6020

Tritanomaly

146.2070, 65.7450, 14.4570

Monochromacy



Original Color

142.8870, 77.6690, -3.4110

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.9030, 28.0140, -1.0900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.8870, 77.6690, -3.4110 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(215, 124, 51)` looks like.

```
.text, #text, p{  
    color:rgb(215, 124, 51)  
}
```

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(215, 124, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 124, 51) }
```

Border

The CSS property to change the border of an element to YIQ 142.8870, 77.6690, -3.4110 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(215, 124, 51) }
```


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

```
.border{ border-color:rgb(215, 124, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 124, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 124, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 124, 51);  
box-shadow:4px 4px 4px 4px rgb(215, 124,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 142.8870, 77.6690, -3.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 124, 51) }
```

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

```
.background{ background-color: rgb(215,  
124, 51) }
```

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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