

Converting Colors

YIQ(142.6710, 78.0370,
-10.0830)

Have a look what the booklet for
YIQ(142.6710, 78.0370, -10.0830)
contains.

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Color

**YIQ(142.6710, 78.0370,
-10.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	D38027
RGB	211, 128, 39
RGB Percent	83%, 50%, 15%
CMY	0.1724, 0.4982, 0.8467
CMYK	0.00, 0.39, 0.81, 0.17
HSL	31°, 69%, 49%
HSV	31°, 81%, 83%
XYZ	34.9568, 29.4305, 5.7661
YIQ	142.6710, 78.0370, -10.0830

Conversions

Conversions Part 2

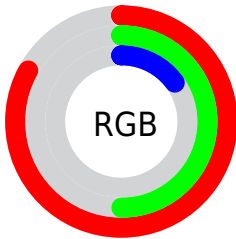
Format	Color
R_{YB}	199, 211, 39
Decimal	13860903
CIE _{Lab}	61.16, 25.65, 57.93
CIE _{LCh}	61, 63.353, 66.117
Yxy	29.4305, 0.4983, 0.4195
Android (android.graphics.Color)	4292050983 (0xFFD38027)
YUV	142.6710, -51.1098, 59.9245
Hunter-Lab	54.2499, 20.0818, 31.6732

Details

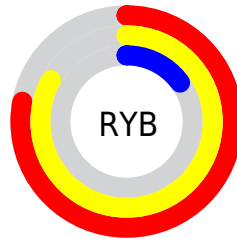
The YIQ color **142.6710, 78.0370, -10.0830** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **107.3290, -78.0370, 10.0830**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9800, 72.6730, -11.9910**, and **90.9350, 68.5460, -8.7820** is the 20% darker color. If you saturate the color by 10%, you get **134.4070, 87.5280, -11.3840**, and if you desaturate by 10%, it is **150.9350, 68.5460, -8.7820**.

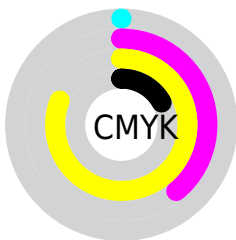
Distribution



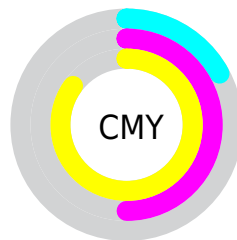
- Red (83%)
- Green (50%)
- Blue (15%)



- Red (78%)
- Yellow (83%)
- Blue (15%)



- Cyan (0%)
- Magenta (39%)
- Yellow (81%)
- Black (17%)





- Cyan (17%)
- Magenta (50%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 142.6710, 78.0370, -10.0830 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 142.6710, 78.0370, -10.0830 by changing the saturation by 10% instead.


 142.6710, 78.0370,
-10.0830


 142.6710, 78.0370,
-10.0830


 255.0000, -0.0000,
-0.0000


 115.1500, 77.9460,
-13.9420


 192.9800, 72.6730,
-11.9910


 90.9350, 68.5460,
-8.7820


 212.3800, 56.6270,
-18.5490


 68.4640, 56.9910,
-3.1130


 231.8940, 40.2600,
-24.7960

 46.2920, 46.0320,
2.7680

 245.5380, 26.6430,
-25.8130

 24.4190, 35.6690,
8.8610

 248.8440, 17.3340,
-16.7940

 12.3730, 24.1150,
9.0030

 252.0360, 8.3460,

 0.0000, 0.0000,

-8.0860

0.0000

■ 142.6710, 78.0370,
-10.0830

■ 142.6710, 78.0370,
-10.0830

■ 134.4070, 87.5280,
-11.3840

■ 150.9350, 68.5460,
-8.7820

■ 127.0720, 95.7810,
-12.2750

■ 159.1990, 59.0550,
-7.4810

■ 168.0500, 49.2890,
-6.7030

■ 176.4280, 39.4770,
-5.0910

■ 184.6920, 29.9860,
-3.7900

■ 192.9560, 20.4950,
-2.4890

■ 201.2200, 11.0040,
-1.1880

■ 210.0710, 1.2380,
-0.4100

■ 218.3350, -8.2530,
0.8910

Harmonies

Analogous

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



143.3840, 87.4760, 22.6120



142.6710, 78.0370, -10.0830



138.2800, 53.1920, -38.9040

Triad

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



142.6710, 78.0370, -10.0830



120.1500, -98.5680, -41.8640



151.4180, -14.1750, 42.1530

Complementary

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



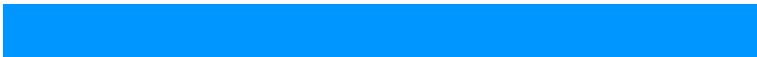
142.6710, 78.0370, -10.0830



107.3290, -78.0370, 10.0830

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.



117.1200, -123.1050, 0.8550



142.6710, 78.0370, -10.0830



125.7190, -115.6270, -24.5470

Square

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



142.6710, 78.0370, -10.0830



111.7770, -79.1250, -58.3330



125.3550, -125.6250, -8.5450



149.5530, 42.9050, 53.9530

Rectangle

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



142.6710, 78.0370, -10.0830



135.3670, 21.9700, -45.7580



125.3550, -125.6250, -8.5450



148.2840, -37.4650, 34.7190

Sweetspot

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



142.6710, 78.0370, -10.0830



230.4360, 27.8310, -3.2810



99.8900, 75.8690, 62.2770



113.2160, 16.8270, -2.0930



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.



142.6710, 78.0370, -10.0830



155.4730, 113.5250, -14.4670



190.4950, 53.4240, -54.1280



100.2240, 5.1810, -0.2830



101.3010, 76.2030, -9.8850



24.5860, 18.6610, -2.2910

Inverse Universe

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



107.3290, -78.0370, 10.0830



104.5270, -113.5250, 14.4670



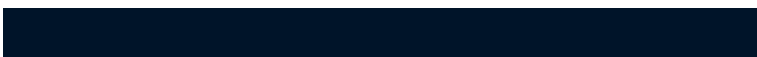
59.5050, -53.4240, 54.1280



98.1890, -4.9060, 0.8060



66.6990, -76.2030, 9.8850



16.4140, -18.6610, 2.2910

Previews

White Background



This preview shows how the YIQ color 142.6710, 78.0370, -10.0830 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 142.6710, 78.0370, -10.0830 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 142.6710, 78.0370, -10.0830

Background



This preview shows how black text looks on a background with the YIQ color 142.6710, 78.0370, -10.0830.



This preview shows how white text looks on a background with the YIQ color 142.6710, 78.0370, -10.0830.

-10.0830.

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

142.6710, 78.0370, -10.0830

Protanopia

141.5260, 44.1120, -28.5280

Deuteranopia

141.6700, 61.4420, -23.2140



Tritanopia

149.6160, 54.6480, 22.8400

Trichromacy



Original Color

142.6710, 78.0370, -10.0830

Protanomaly

141.9730, 56.2150, -22.0970

Deuteranomaly

142.2410, 67.2640, -18.5920

Tritanomaly

147.1310, 62.9030, 10.8950

Monochromacy



Original Color

142.6710, 78.0370, -10.0830

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.2080, 28.4730, -3.9030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.6710, 78.0370, -10.0830 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(211, 128, 39)` looks like.

```
.text, #text, p{  
    color:rgb(211, 128, 39)  
}
```

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(211, 128, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 128, 39) }
```

Border

The CSS property to change the border of an element to YIQ 142.6710, 78.0370, -10.0830 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(211, 128, 39) }
```


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

```
.border{ border-color:rgb(211, 128, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 128, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 128, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 128, 39);  
box-shadow:4px 4px 4px 4px rgb(211, 128,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 142.6710, 78.0370, -10.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 128, 39) }
```

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

```
.background{ background-color: rgb(211,  
128, 39) }
```

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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