

Converting Colors

YIQ(138.9770, 112.2860,
-8.5300)

Have a look what the booklet for
YIQ(138.9770, 112.2860, -8.5300)
contains.

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Color

**YIQ(138.9770, 112.2860,
-8.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	F17200
RGB	241, 114, 0
RGB Percent	95%, 45%, 0%
CMY	0.0547, 0.5531, 0.9994
CMYK	0.00, 0.53, 1.00, 0.05
HSL	28°, 100%, 47%
HSV	28°, 100%, 95%
XYZ	42.3078, 30.7340, 3.7063
YIQ	138.9770, 112.2860, -8.5300

Conversions

Conversions Part 2

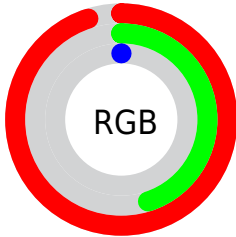
Format	Color
R_{YB}	241, 216, 0
Decimal	15823360
CIE _{Lab}	62.28, 44.34, 70.15
CIE _{LCh}	62, 82.991, 57.704
Yxy	30.7340, 0.5513, 0.4005
Android (android.graphics.Color)	4294013440 (0xFFFF17200)
YUV	138.9770, -68.5157, 89.4742
Hunter-Lab	55.4382, 39.2057, 34.8430

Details

The YIQ color **138.9770, 112.2860, -8.5300** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **102.0230, -112.2860, 8.5300**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7270, 83.6310, -12.3450**, and **89.3170, 88.4420, 5.0980** is the 20% darker color. If you saturate the color by 10%, you get **138.9770, 112.2860, -8.5300**, and if you desaturate by 10%, it is **149.3440, 101.0070, -7.8650**.

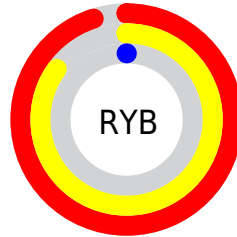
Distribution



Red (95%)

Green (45%)

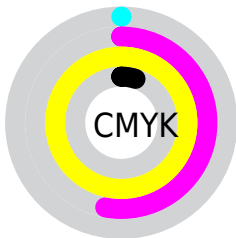
Blue (0%)



Red (95%)

Yellow (85%)

Blue (0%)

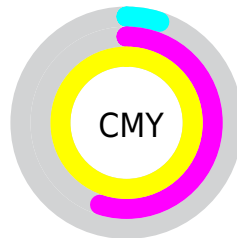


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.9770, 112.2860, -8.5300 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 138.9770, 112.2860, -8.5300 by changing the saturation by 10% instead.


 138.9770,
112.2860, -8.5300


 138.9770,
112.2860, -8.5300


255.0000, -0.0000,
-0.0000


 114.1470,
100.3640, -1.7160


 182.7270, 83.6310,
-12.3450


 89.3170, 88.4420,
5.0980


 202.3550, 66.9430,
-18.2810


 64.1990, 77.3910,
12.6470


 221.8690, 50.5760,
-24.5280

 34.3850, 68.5400,
24.3800

 241.9700, 33.9340,
-31.2980

 25.4150, 50.6600,
18.0200

 246.3360, 24.3960,
-23.6360

 17.4560, 34.2470,
12.6070

 249.6420, 15.0870,

 6.8770, 13.7080,

-14.6170

4.8760

252.9480, 5.7780,
-5.5980

0.0000, 0.0000,
0.0000

138.9770,
112.2860, -8.5300

149.3440,
101.0070, -7.8650

159.1240, 90.0030,
-6.6770

169.4910, 78.7240,
-6.0120

179.9720, 67.1240,
-5.0360

190.3390, 55.8450,
-4.3710

■ 200.1190, 44.8410,
-3.1830

■ 210.4860, 33.5620,
-2.5180

■ 220.8530, 22.2830,
-1.8530

■ 230.6330, 11.2790,
-0.6650

Harmonies

Analogous

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



130.1880, 103.4280, 41.8920



138.9770, 112.2860, -8.5300



141.3160, 70.7060, -36.9260

Triad

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



138.9770, 112.2860, -8.5300



123.0220, -95.6320, -51.0240



146.0110, -40.9500, 37.3060

Complementary

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



138.9770, 112.2860, -8.5300



102.0230, -112.2860, 8.5300

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.



124.1640, -126.4050, -5.4210



138.9770, 112.2860, -8.5300



131.5720, -119.7070, -27.6990

Square

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



138.9770, 112.2860, -8.5300



111.3090, -69.5400, -72.3560



132.9690, -130.5300, -13.2660



150.2930, 38.5460, 72.3860

Rectangle

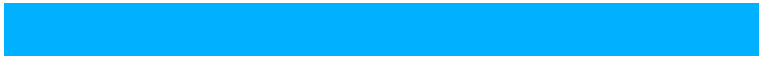
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



138.9770, 112.2860, -8.5300



136.0790, 40.0360, -53.7880



132.9690, -130.5300, -13.2660



129.7440, -89.2710, 15.4410

Sweetspot

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



138.9770, 112.2860, -8.5300



222.8560, 35.3960, -2.7160



86.7650, 102.2270, 91.2110



108.0810, 21.6410, -1.2310



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.



138.9770, 112.2860, -8.5300



146.6850, 118.9800, -8.7000



208.8300, 79.5610, -70.7670



115.1100, 5.5020, -0.5940



106.0850, 85.7390, -6.4930



32.5930, 25.9510, -2.2490

Inverse Universe

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



102.0230, -112.2860, 8.5300



108.3150, -118.9800, 8.7000



32.1700, -79.5610, 70.7670



112.8900, -5.5020, 0.5940



77.9150, -85.7390, 6.4930



23.9940, -26.2260, 1.7260

Previews

White Background



This preview shows how the YIQ color 138.9770, 112.2860, -8.5300 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 138.9770, 112.2860, -8.5300 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 138.9770, 112.2860, -8.5300

Background



This preview shows how black text looks on a background with the YIQ color 138.9770, 112.2860, -8.5300.



This preview shows how white text looks on a background with the YIQ color 138.9770, 112.2860, -8.5300.

-8.5300.

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

138.9770, 112.2860, -8.5300

Protanopia

141.9750, 52.7330, -36.0910

Deuteranopia

141.0500, 74.5110, -34.2970



Tritanopia

148.0600, 80.0010, 31.4330

Trichromacy



Original Color

138.9770, 112.2860, -8.5300

Protanomaly

141.2060, 74.3720, -26.2680

Deuteranomaly

139.9750, 88.2640, -24.7280

Tritanomaly

144.8480, 91.7410, 16.9010

Monochromacy



Original Color

138.9770, 112.2860, -8.5300

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.0800, 40.5770, -2.9990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.9770, 112.2860, -8.5300 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(241, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(241, 114, 0)  
}
```

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(241, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 114, 0) }
```

Border

The CSS property to change the border of an element to YIQ 138.9770, 112.2860, -8.5300 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(241, 114, 0) }
```


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

```
.border{ border-color:rgb(241, 114, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 114, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(241, 114,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 138.9770, 112.2860, -8.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 114, 0) }
```

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

```
.background{ background-color: rgb(241,  
114, 0) }
```

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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