

Converting Colors

YIQ(138.2950, 111.8710, 4.5030)

Have a look what the booklet for
YIQ(138.2950, 111.8710, 4.5030)
contains.

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Color

**YIQ(138.2950, 111.8710,
4.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	F86916
RGB	248, 105, 22
RGB Percent	97%, 41%, 9%
CMY	0.0272, 0.5884, 0.9132
CMYK	0.00, 0.58, 0.91, 0.03
HSL	22°, 94%, 53%
HSV	22°, 91%, 97%
XYZ	43.9290, 30.1192, 4.2639
YIQ	138.2950, 111.8710, 4.5030

Conversions

Conversions Part 2

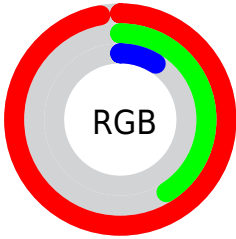
Format	Color
R _Y B	248, 153, 22
Decimal	16279830
CIE Lab	61.76, 51.42, 66.15
CIE LCh	62, 83.783, 52.139
Yxy	30.1192, 0.5609, 0.3846
Android (android.graphics.Color)	4294469910 (0xFFFF86916)
YUV	138.2950, -57.3334, 96.2113
Hunter-Lab	54.8810, 46.8371, 33.8102

Details

The YIQ color **138.2950, 111.8710, 4.5030** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **131.7050, -111.8710, -4.5030**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0570, 82.9420, -5.3620**, and **84.0670, 95.3180, 12.6460** is the 20% darker color. If you saturate the color by 10%, you get **127.5690, 122.7830, 4.9830**, and if you desaturate by 10%, it is **150.5370, 99.4460, 3.9100**.

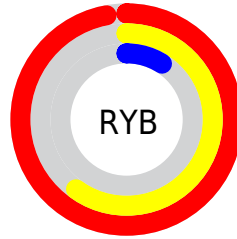
Distribution



Red (97%)

Green (41%)

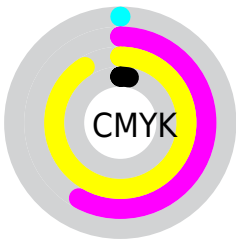
Blue (9%)



Red (97%)

Yellow (60%)

Blue (9%)

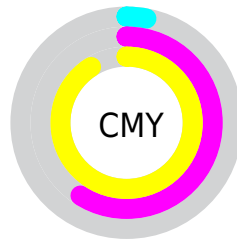


Cyan (0%)

Magenta (58%)

Yellow (91%)

Black (3%)



Cyan (3%)

Magenta (59%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.2950, 111.8710, 4.5030 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 138.2950, 111.8710, 4.5030 by changing the saturation by 10% instead.

138.2950,
111.8710, 4.5030

138.2950,
111.8710, 4.5030

255.0000, -0.0000,
-0.0000

110.3700,
107.2860, 4.9980

179.0570, 82.9420,
-5.3620

84.0670, 95.3180,
12.6460

198.5710, 66.5750,
-11.6090

55.4270, 85.9170,
23.3330

218.0850, 50.2080,
-17.8560

35.8800, 71.5200,
25.4400

238.7730, 33.2910,
-25.1490

26.9100, 53.6400,
19.0800

247.2480, 21.8280,
-21.1480

18.7660, 36.3100,
13.7660

250.4400, 12.8400,

8.7850, 16.9630,

-12.4400

6.4590

■ 253.7460, 3.5310,
-3.4210

■ 0.0000, 0.0000,
0.0000

■ 138.2950,
111.8710, 4.5030

■ 138.2950,
111.8710, 4.5030

■ 127.5690,
122.7830, 4.9830

■ 150.5370, 99.4460,
3.9100

■ 162.1920, 87.2960,
3.8400

■ 174.4340, 74.8710,
3.2470

■ 186.5620, 62.7670,
2.3430

■ 198.8040, 50.3420,
1.7500

210.4590, 38.1920,
1.6800

222.7010, 25.7670,
1.0870

234.9430, 13.3420,
0.4940

246.4840, 1.5130,
0.1130

Harmonies

Analogous

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



125.5720, 102.6470, 50.5430



138.2950, 111.8710, 4.5030



140.1970, 78.5910, -31.1450

Triad

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



138.2950, 111.8710, 4.5030



120.1380, -90.2670, -54.6430



137.8830, -64.3770, 26.8470

Complementary

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



138.2950, 111.8710, 4.5030



131.7050, -111.8710, -4.5030

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.



125.3380, -126.9550, -6.4670



138.2950, 111.8710, 4.5030



129.3890, -114.9380, -31.5300

Square

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



138.2950, 111.8710, 4.5030



107.4960, -62.9370, -76.3850



132.9690, -130.5300, -13.2660



150.5840, 24.4250, 69.4890

Rectangle

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



138.2950, 111.8710, 4.5030



136.7320, 48.5630, -48.6290



132.9690, -130.5300, -13.2660



116.5330, -122.8300, 1.3780

Sweetspot

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



138.2950, 111.8710, 4.5030



221.3060, 34.2490, 1.5530



106.3320, 87.5090, 93.6290



108.0640, 20.3110, 0.8470



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.



138.2950, 111.8710, 4.5030



130.8360, 126.4050, 5.4210



202.2780, 81.8960, -52.5040



118.8220, 6.3730, 0.1410



97.0140, 93.6690, 3.9810



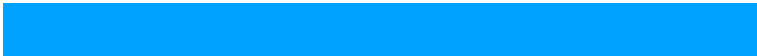
31.1530, 30.3060, 1.4260

Inverse Universe

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



131.7050, -111.8710, -4.5030



124.1640, -126.4050, -5.4210



67.7220, -81.8960, 52.5040



118.1780, -6.3730, -0.1410



91.9860, -93.6690, -3.9810



29.8470, -30.3060, -1.4260

Previews

White Background



This preview shows how the YIQ color 138.2950, 111.8710, 4.5030 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 138.2950, 111.8710, 4.5030 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 138.2950, 111.8710, 4.5030

Background



This preview shows how black text looks on a background with the YIQ color 138.2950, 111.8710, 4.5030.



This preview shows how white text looks on a background with the YIQ color 138.2950, 111.8710,

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

138.2950, 111.8710, 4.5030

Protanopia

142.1580, 47.9640, -32.2600

Deuteranopia

139.8650, 73.5940, -34.1980



Tritanopia

144.4310, 89.2620, 34.3020

Trichromacy



Original Color

138.2950, 111.8710, 4.5030

Protanomaly

140.9810, 70.9320, -18.9880

Deuteranomaly

139.4250, 87.1170, -20.4590

Tritanomaly

142.4730, 97.4710, 23.1910

Monochromacy



Original Color

138.2950, 111.8710, 4.5030

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.1280, 40.6220, 1.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.2950, 111.8710, 4.5030 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(248, 105, 22)` looks like.

```
.text, #text, p{  
    color:rgb(248, 105, 22)  
}
```

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(248, 105, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 105, 22) }
```

Border

The CSS property to change the border of an element to YIQ 138.2950, 111.8710, 4.5030 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(248, 105, 22) }
```


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

```
.border{ border-color:rgb(248, 105, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 105, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 105, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 105, 22);  
box-shadow:4px 4px 4px 4px rgb(248, 105,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 138.2950, 111.8710, 4.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 105, 22) }
```

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

```
.background{ background-color: rgb(248,  
105, 22) }
```

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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