

Converting Colors

YIQ(118.4870, 129.2460,
14.5100)

Have a look what the booklet for
YIQ(118.4870, 129.2460, 14.5100)
contains.

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Color

**YIQ(118.4870, 129.2460,
14.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	FB4A00
RGB	251, 74, 0
RGB Percent	98%, 29%, 0%
CMY	0.0153, 0.7100, 0.9994
CMYK	0.00, 0.71, 1.00, 0.02
HSL	18°, 100%, 49%
HSV	18°, 100%, 98%
XYZ	42.2627, 25.4149, 2.6823
YIQ	118.4870, 129.2460, 14.5100

Conversions

Conversions Part 2

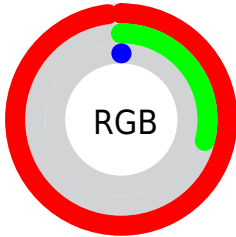
Format	Color
RYB	251, 105, 0
Decimal	16468480
CIELab	57.48, 64.92, 68.49
CIElCh	57, 94.368, 46.535
Yxy	25.4149, 0.6007, 0.3612
Android (android.graphics.Color)	4294658560 (0xFFFB4A00)
YUV	118.4870, -58.4141, 116.2139
Hunter-Lab	50.4132, 61.4181, 32.1347

Details

The YIQ color **118.4870, 129.2460, 14.5100** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **132.5130, -129.2460, -14.5100**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0250, 95.1360, 4.9280**, and **55.3150, 110.2600, 39.2200** is the 20% darker color. If you saturate the color by 10%, you get **118.4870, 129.2460, 14.5100**, and if you desaturate by 10%, it is **131.9030, 116.2710, 12.8710**.

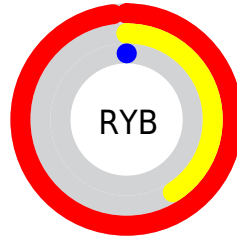
Distribution



Red (98%)

Green (29%)

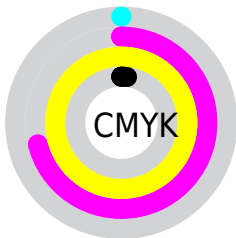
Blue (0%)



Red (98%)

Yellow (41%)

Blue (0%)

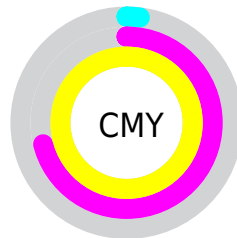


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.4870, 129.2460, 14.5100 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 118.4870, 129.2460, 14.5100 by changing the saturation by 10% instead.


 118.4870,
129.2460, 14.5100


 118.4870,
129.2460, 14.5100


255.0000, -0.0000,
-0.0000


 89.2490, 118.6530,
24.7730


 161.0250, 95.1360,
4.9280


 55.3150, 110.2600,
39.2200


 181.0120, 78.8150,
-2.1530


 45.4480, 90.5920,
32.2240


 201.1130, 62.1730,
-8.9230

 35.8800, 71.5200,
25.4400

 221.2140, 45.5310,
-15.6930

 26.7250, 52.7230,
19.1790

 241.9020, 28.6140,
-22.9860


 18.2820, 34.7970,
13.6530

 248.6160, 17.9760,

 6.8770, 13.7080,


-17.4160


4.8760


 251.9220, 8.6670,
-8.3970


 0.0000, 0.0000,
0.0000


 118.4870,
129.2460, 14.5100

 131.9030,
116.2710, 12.8710

 144.7320,
103.5710, 11.7550

 158.1480, 90.5960,
10.1160

 171.6780, 77.3000,
8.7880

 185.0940, 64.3250,
7.1490

197.9230, 51.6250,
6.0330

211.3390, 38.6500,
4.3940

224.7550, 25.6750,
2.7550

237.5840, 12.9750,
1.6390

Harmonies

Analogous

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



87.3030, 120.8430, 84.2270



118.4870, 129.2460, 14.5100



130.2290, 84.7330, -21.3070

Triad

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



118.4870, 129.2460, 14.5100



110.7340, -77.5660, -59.0540



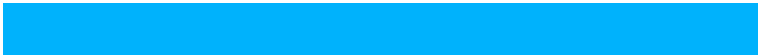
107.1410, -118.4300, 9.7460

Complementary

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



118.4870, 129.2460, 14.5100



132.5130, -129.2460, -14.5100

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.



122.4030, -125.5800, -3.8520



118.4870, 129.2460, 14.5100



121.8260, -106.0430, -33.0430

Square

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



118.4870, 129.2460, 14.5100



95.6810, -44.8250, -85.2490



128.8600, -128.6050, -9.6050



137.9170, 10.4860, 74.3100

Rectangle

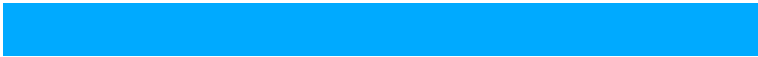
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



118.4870, 129.2460, 14.5100



128.2150, 51.8170, -41.5190



128.8600, -128.6050, -9.6050



113.5980, -121.4550, 3.9930

Sweetspot

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



118.4870, 129.2460, 14.5100



214.6380, 39.2460, 4.6060



95.5690, 91.8160, 109.1920



103.3850, 23.8410, 2.9530



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.



118.4870, 129.2460, 14.5100



120.2700, 131.3550, 14.8350



190.6880, 95.4210, -49.8190



118.2350, 6.6480, 0.6640



88.7960, 97.5190, 11.3030



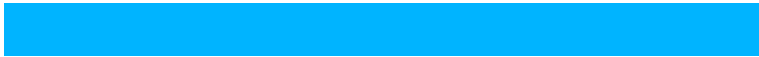
28.8050, 31.4060, 3.5180

Inverse Universe

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



132.5130, -129.2460, -14.5100



134.7300, -131.3550, -14.8350



60.8990, -95.6960, 49.2960



118.7650, -6.6480, -0.6640



99.6170, -97.2440, -10.7800



32.1950, -31.4060, -3.5180

Previews

White Background



This preview shows how the YIQ color 118.4870, 129.2460, 14.5100 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 118.4870, 129.2460, 14.5100 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 118.4870, 129.2460, 14.5100

Background



This preview shows how black text looks on a background with the YIQ color 118.4870, 129.2460, 14.5100.



This preview shows how white text looks on a background with the YIQ color 118.4870, 129.2460,

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

118.4870, 129.2460, 14.5100

Protanopia

131.4290, 45.7630, -30.9170

Deuteranopia

129.2220, 68.2750, -31.4130



Tritanopia

124.0590, 108.1050, 39.7290

Trichromacy



Original Color

118.4870, 129.2460, 14.5100

Protanomaly

126.6660, 76.4330, -14.0550

Deuteranomaly

125.2670, 90.7380, -14.4940

Tritanomaly

122.2690, 115.9010, 30.5970

Monochromacy



Original Color

118.4870, 129.2460, 14.5100

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.0580, 46.8110, 5.1710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.4870, 129.2460, 14.5100 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(251, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(251, 74, 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(251, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 74, 0) }
```

Border

The CSS property to change the border of an element to YIQ 118.4870, 129.2460, 14.5100 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(251, 74, 0) }
```


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

```
.border{ border-color:rgb(251, 74, 0) }
```

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

Here you see how a box with a 4 pixel rgb(251, 74, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 74, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 74, 0);  
box-shadow:4px 4px 4px 4px rgb(251, 74, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 118.4870, 129.2460, 14.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 74, 0) }
```

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

```
.background{ background-color: rgb(251, 74,  
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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