

Converting Colors

YIQ(132.8850, 124.7090, 3.1170)

Have a look what the booklet for
YIQ(132.8850, 124.7090, 3.1170)
contains.

YIQ(132.8850, 124.7090, 3.1170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YIQ(132.8850, 124.7090,
3.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	FE6100
RGB	254, 97, 0
RGB Percent	100%, 38%, 0%
CMY	0.0036, 0.6198, 0.9994
CMYK	0.00, 0.62, 1.00, 0.00
HSL	23°, 100%, 50%
HSV	23°, 100%, 100%
XYZ	45.1717, 29.6234, 3.3412
YIQ	132.8850, 124.7090, 3.1170

Conversions

Conversions Part 2

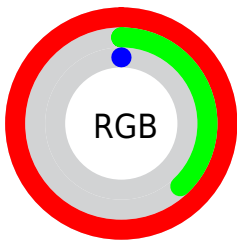
Format	Color
R_{YB}	254, 157, 0
Decimal	16670976
CIE _{Lab}	61.33, 56.88, 70.71
CIE _{LCh}	61, 90.749, 51.184
Yxy	29.6234, 0.5781, 0.3791
Android (android.graphics.Color)	4294861056 (0xFFFE6100)
YUV	132.8850, -65.5123, 106.2179
Hunter-Lab	54.4274, 52.8971, 34.4594

Details

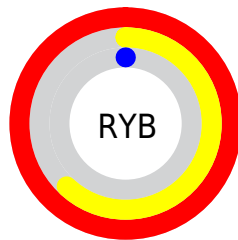
The YIQ color **132.8850, 124.7090, 3.1170** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **121.1150, -124.7090, -3.1170**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6940, 88.3980, -5.1220**, and **78.8170, 102.1940, 20.1940** is the 20% darker color. If you saturate the color by 10%, you get **132.8850, 124.7090, 3.1170**, and if you desaturate by 10%, it is **145.2410, 111.9630, 2.8350**.

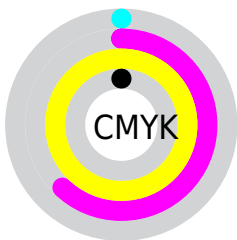
Distribution



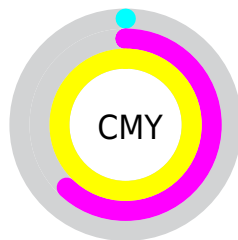
- Red (100%)
- Green (38%)
- Blue (0%)



- Red (100%)
- Yellow (62%)
- Blue (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.8850, 124.7090, 3.1170 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 132.8850, 124.7090, 3.1170 by changing the saturation by 10% instead.

132.8850,
124.7090, 3.1170

132.8850,
124.7090, 3.1170

255.0000, -0.0000,
-0.0000

106.5820,
112.7410, 10.7650

173.8080, 88.0770,
-4.8110

78.8170, 102.1940,
20.1940

193.2080, 72.0310,
-11.3690

46.6440, 92.9760,
33.0720

213.3090, 55.3890,
-18.1390

37.0760, 73.9040,
26.2880

233.5240, 38.4260,
-24.5980

28.1060, 56.0240,
19.9280

245.9940, 25.3590,
-24.5690

19.9620, 38.6940,
14.6140

249.3000, 16.0500,

9.9810, 19.3470,

-15.5500

7.3070

252.6060, 6.7410,
-6.5310

0.0000, 0.0000,
0.0000

132.8850,
124.7090, 3.1170

145.2410,
111.9630, 2.8350

156.8960, 99.8130,
2.7650

169.1380, 87.3880,
2.1720

181.4940, 74.6420,
1.8900

193.7360, 62.2170,
1.2970

■ 205.5050, 49.7460,
1.5380

■ 217.7470, 37.3210,
0.9450

■ 229.9890, 24.8960,
0.3520

■ 241.7580, 12.4250,
0.5930

Harmonies

Analogous

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



111.8430, 109.6140, 61.9500



132.8850, 124.7090, 3.1170



139.3330, 81.2040, -28.9400

Triad

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



132.8850, 124.7090, 3.1170



119.4540, -88.3410, -56.5090



129.2120, -81.6610, 20.6990

Complementary

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



132.8850, 124.7090, 3.1170



121.1150, -124.7090, -3.1170

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.



125.9250, -127.2300, -6.9900



132.8850, 124.7090, 3.1170



130.0900, -115.5340, -31.7420

Square

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



132.8850, 124.7090, 3.1170



105.3300, -56.8380, -82.2940



134.1430, -131.0800, -14.3120



148.2730, 24.1030, 75.3270

Rectangle

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



132.8850, 124.7090, 3.1170



135.8460, 48.2420, -48.3180



134.1430, -131.0800, -14.3120



116.5330, -122.8300, 1.3780

Sweetspot

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



132.8850, 124.7090, 3.1170



218.7470, 37.3210, 0.9450



94.3000, 99.7030, 103.9190



105.7330, 22.7410, 0.8610



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.



132.8850, 124.7090, 3.1170



133.1840, 125.3050, 3.3290



205.0860, 90.8840, -61.2120



121.8220, 6.3730, 0.1410



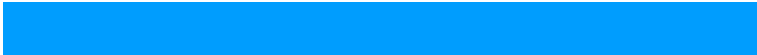
99.9600, 93.7610, 2.3130



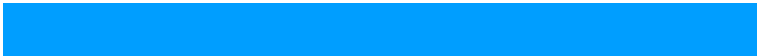
33.2240, 31.5440, 1.0160

Inverse Universe

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



121.1150, -124.7090, -3.1170



121.8160, -125.3050, -3.3290



48.9140, -90.8840, 61.2120



121.1780, -6.3730, -0.1410



91.0400, -93.7610, -2.3130



30.1890, -31.2690, -0.4930

Previews

White Background



This preview shows how the YIQ color 132.8850, 124.7090, 3.1170 looks on a white background.

Color Contrast Check

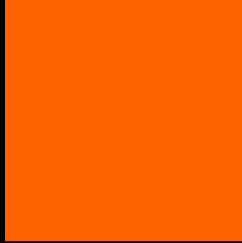
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.8850, 124.7090, 3.1170 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 132.8850, 124.7090, 3.1170

Background



This preview shows how black text looks on a background with the YIQ color 132.8850, 124.7090, 3.1170.



This preview shows how white text looks on a background with the YIQ color 132.8850, 124.7090,

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

132.8850, 124.7090, 3.1170

Protanopia

140.2460, 50.5320, -34.7480

Tritanopia

140.7200, 95.8180, 36.6340

Trichromacy



Original Color

132.8850, 124.7090, 3.1170

Protanomaly

137.6350, 77.7180, -20.8260

Tritanomaly

137.9040, 106.5030, 24.7030

Monochromacy



Original Color

132.8850, 124.7090, 3.1170

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0530, 45.2070, 1.1990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.8850, 124.7090, 3.1170 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(254, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 97, 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(254, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 97, 0) }
```

Border

The CSS property to change the border of an element to YIQ 132.8850, 124.7090, 3.1170 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(254, 97, 0) }
```

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

```
.border{ border-color:rgb(254, 97, 0) }
```

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

Here you see how a box with a 4 pixel rgb(254, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 97, 0)  
}
```


Background

The CSS property to change the background color of an element to YIQ 132.8850, 124.7090, 3.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 97, 0) }
```

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

```
.background{ background-color: rgb(254, 97,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor