

Converting Colors

YIQ(129.9170, 121.6830, 2.8910)

Have a look what the booklet for
YIQ(129.9170, 121.6830, 2.8910)
contains.

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Color

**YIQ(129.9170, 121.6830,
2.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	F85F00
RGB	248, 95, 0
RGB Percent	97%, 37%, 0%
CMY	0.0271, 0.6277, 0.9994
CMYK	0.00, 0.62, 1.00, 0.03
HSL	23°, 100%, 49%
HSV	23°, 100%, 97%
XYZ	42.8261, 28.1438, 3.1792
YIQ	129.9170, 121.6830, 2.8910

Conversions

Conversions Part 2

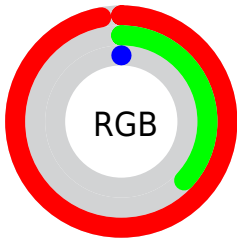
Format	Color
R_{YB}	248, 154, 0
Decimal	16277248
CIE _{Lab}	60.02, 55.65, 69.48
CIE _{LCh}	60, 89.021, 51.305
Yxy	28.1438, 0.5776, 0.3796
Android (android.graphics.Color)	4294467328 (0xFFFF85F00)
YUV	129.9170, -64.0491, 103.5588
Hunter-Lab	53.0507, 51.2586, 33.5824

Details

The YIQ color **129.9170, 121.6830, 2.8910** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **118.0830, -121.6830, -2.8910**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.9330, 89.2230, -3.5530**, and **76.4360, 98.8930, 19.4450** is the 20% darker color. If you saturate the color by 10%, you get **129.9170, 121.6830, 2.8910**, and if you desaturate by 10%, it is **141.5720, 109.5330, 2.8210**.

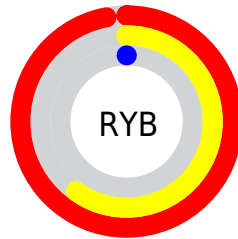
Distribution



Red (97%)

Green (37%)

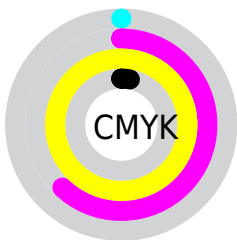
Blue (0%)



Red (97%)

Yellow (60%)

Blue (0%)

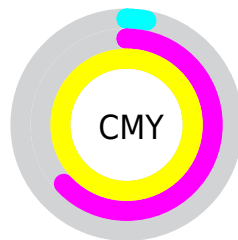


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.9170, 121.6830, 2.8910 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 129.9170, 121.6830, 2.8910 by changing the saturation by 10% instead.

129.9170,
121.6830, 2.8910

129.9170,
121.6830, 2.8910

255.0000, -0.0000,
-0.0000

103.6140,
109.7150, 10.5390

171.9330, 89.2230,
-3.5530

75.8490, 99.1680,
19.9680

191.3330, 73.1770,
-10.1110

45.1490, 89.9960,
32.0120

211.4340, 56.5350,
-16.8810

35.5810, 70.9240,
25.2280

231.5350, 39.8930,
-23.6510

26.6110, 53.0440,
18.8680

245.8800, 25.6800,
-24.8800


18.8800, 35.9890,
14.0770


249.0720, 16.6920,

7.5890, 14.5790,


-16.1720


5.6110


 252.3780, 7.3830,
-7.1530


 0.0000, 0.0000,
0.0000


 129.9170,
121.6830, 2.8910

 141.5720,
109.5330, 2.8210

 153.8140, 97.1080,
2.2280

 165.4690, 84.9580,
2.1580

 177.0100, 73.1290,
1.7770

 189.2520, 60.7040,
1.1840

■ 200.9070, 48.5540,
1.1140

■ 212.5620, 36.4040,
1.0440

■ 224.8040, 23.9790,
0.4510

■ 236.3450, 12.1500,
0.0700

Harmonies

Analogous

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



111.5010, 110.5770, 61.0170



129.9170, 121.6830, 2.8910



136.0770, 79.0490, -28.4310

Triad

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



129.9170, 121.6830, 2.8910



116.7640, -86.2780, -55.3500



126.8640, -80.5610, 22.7910

Complementary

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



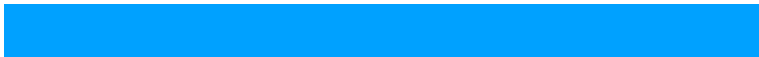
129.9170, 121.6830, 2.8910



118.0830, -121.6830, -2.8910

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.



123.5770, -126.1300, -4.8980



129.9170, 121.6830, 2.8910



127.2860, -113.1500, -30.8940

Square

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



129.9170, 121.6830, 2.8910



102.9820, -55.7380, -80.2020



131.2080, -129.7050, -11.6970



144.6320, 24.4700, 74.1820

Rectangle

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



129.9170, 121.6830, 2.8910



132.8890, 46.6830, -47.5970



131.2080, -129.7050, -11.6970



114.1850, -121.7300, 3.4700

Sweetspot

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



129.9170, 121.6830, 2.8910



218.7470, 37.3210, 0.9450



92.0500, 97.4110, 101.4030



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.



129.9170, 121.6830, 2.8910



133.7710, 125.0300, 2.8060



200.3570, 88.6830, -59.8690



118.8220, 6.3730, 0.1410



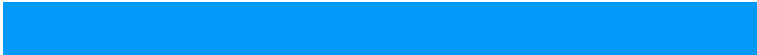
98.7750, 92.8440, 2.4120



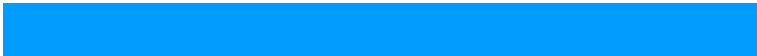
31.7400, 30.0310, 0.9030

Inverse Universe

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



118.0830, -121.6830, -2.8910



121.2290, -125.0300, -2.8060



47.6430, -88.6830, 59.8690



118.1780, -6.3730, -0.1410



90.2250, -92.8440, -2.4120



29.2600, -30.0310, -0.9030

Previews

White Background



This preview shows how the YIQ color 129.9170, 121.6830, 2.8910 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 129.9170, 121.6830, 2.8910 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 129.9170, 121.6830, 2.8910

Background



This preview shows how black text looks on a background with the YIQ color 129.9170, 121.6830, 2.8910.



This preview shows how white text looks on a background with the YIQ color 129.9170, 121.6830,

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

129.9170, 121.6830, 2.8910

Protanopia

136.7020, 49.2480, -33.5040

Deuteranopia

135.7230, 71.1180, -33.3780



Tritanopia

137.1220, 94.6260, 36.2100

Trichromacy



Original Color

129.9170, 121.6830, 2.8910

Protanomaly

134.3790, 75.5630, -20.3170

Deuteranomaly

133.5070, 89.8220, -19.9220

Tritanomaly

134.7080, 104.1190, 23.8550

Monochromacy



Original Color

129.9170, 121.6830, 2.8910

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8680, 44.2900, 1.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.9170, 121.6830, 2.8910 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, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(248, 95, 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(248, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 95, 0) }
```

Border

The CSS property to change the border of an element to YIQ 129.9170, 121.6830, 2.8910 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, 95, 0) }
```


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

```
.border{ border-color:rgb(248, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(248, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(248, 95, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 129.9170, 121.6830, 2.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 95, 0) }
```

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

```
.background{ background-color: rgb(248, 95,  
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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