

Converting Colors

YIQ(124.9660, 129.1550,
10.6510)

Have a look what the booklet for
YIQ(124.9660, 129.1550, 10.6510)
contains.

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Color

**YIQ(124.9660, 129.1550,
10.6510)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5300
RGB	255, 83, 0
RGB Percent	100%, 33%, 0%
CMY	0.0000, 0.6747, 0.9994
CMYK	0.00, 0.67, 1.00, 0.00
HSL	19°, 100%, 50%
HSV	19°, 100%, 100%
XYZ	44.3285, 27.4357, 2.9635
YIQ	124.9660, 129.1550, 10.6510

Conversions

Conversions Part 2

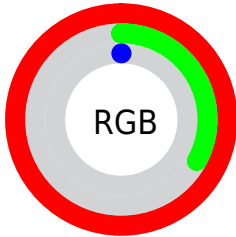
Format	Color
RYB	255, 123, 0
Decimal	16732928
CIELab	59.38, 62.86, 69.80
CIElCh	59, 93.928, 47.996
Yxy	27.4357, 0.5932, 0.3671
Android (android.graphics.Color)	4294923008 (0xFFFF5300)
YUV	124.9660, -61.6082, 114.0398
Hunter-Lab	52.3791, 59.4012, 33.3109

Details

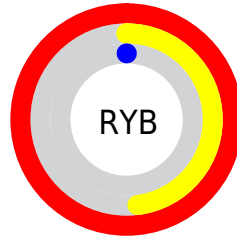
The YIQ color **124.9660, 129.1550, 10.6510** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **130.0340, -129.1550, -10.6510**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8350, 92.6150, 1.0550**, and **60.6200, 110.7190, 36.4070** is the 20% darker color. If you saturate the color by 10%, you get **124.9660, 129.1550, 10.6510**, and if you desaturate by 10%, it is **137.9090, 116.1340, 9.8460**.

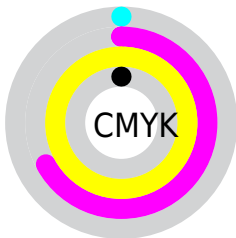
Distribution



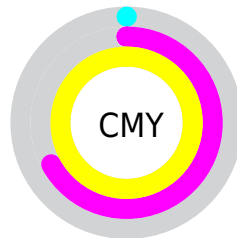
- Red (100%)
- Green (33%)
- Blue (0%)



- Red (100%)
- Yellow (48%)
- Blue (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (100%)
- Black (0%)




- Cyan (0%)
- Magenta (67%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 124.9660, 129.1550, 10.6510 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 124.9660, 129.1550, 10.6510 by changing the saturation by 10% instead.


 124.9660,
129.1550, 10.6510


 124.9660,
129.1550, 10.6510


255.0000, -0.0000,
-0.0000


 96.9020, 118.0120,
19.8680


 165.8350, 92.6150,
1.0550


 60.6200, 110.7190,
36.4070


 185.9360, 75.9730,
-5.7150


 46.6440, 92.9760,
33.0720

 206.0370, 59.3310,
-12.4850

 37.0760, 73.9040,
26.2880

 226.1380, 42.6890,
-19.2550

 27.8070, 55.4280,
19.7160

 245.6520, 26.3220,
-25.5020


 19.7770, 37.7770,
14.7130

 248.9580, 17.0130,


 9.3830, 18.1550,


-16.4830


6.8830


 252.1500, 8.0250,
-7.7750


 0.0000, 0.0000,
0.0000

 124.9660,
129.1550, 10.6510

 137.9090,
116.1340, 9.8460

 150.7380,
103.4340, 8.7300

 164.2680, 90.1380,
7.4020

 177.0970, 77.4380,
6.2860

 190.0400, 64.4170,
5.4810

202.8690, 51.7170,
4.3650

215.8120, 38.6960,
3.5600

229.2280, 25.7210,
1.9210

242.1710, 12.7000,
1.1160

Harmonies

Analogous

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



87.4170, 120.5220, 84.5380



124.9660, 129.1550, 10.6510



134.6480, 84.8710, -23.8090

Triad

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



124.9660, 129.1550, 10.6510



114.8090, -82.1510, -58.5590



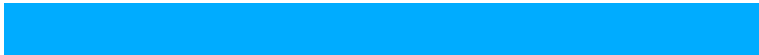
108.9020, -119.2550, 8.1770

Complementary

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



124.9660, 129.1550, 10.6510



130.0340, -129.1550, -10.6510

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.



124.7510, -126.6800, -5.9440



124.9660, 129.1550, 10.6510



125.7870, -110.3070, -32.8590

Square

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



124.9660, 129.1550, 10.6510



98.6160, -46.2000, -87.8640



131.7950, -129.9800, -12.2200



142.8960, 14.9790, 75.4830

Rectangle

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



124.9660, 129.1550, 10.6510



132.3350, 51.3590, -44.2330



131.7950, -129.9800, -12.2200



115.3590, -122.2800, 2.4240

Sweetspot

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



124.9660, 129.1550, 10.6510



215.8120, 38.6960, 3.5600



96.0810, 96.1260, 108.1740



104.5590, 23.2910, 1.9070



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.



124.9660, 129.1550, 10.6510



198.3410, 94.7800, -54.7240



121.2350, 6.6480, 0.6640



93.5030, 96.7860, 8.0660



31.4630, 32.3690, 2.5850

Inverse Universe

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



130.0340, -129.1550, -10.6510



56.6590, -94.7800, 54.7240



121.1780, -6.3730, -0.1410



97.4970, -96.7860, -8.0660



32.5370, -32.3690, -2.5850

Previews

White Background



This preview shows how the YIQ color 124.9660, 129.1550, 10.6510 looks on a white background.

Color Contrast Check

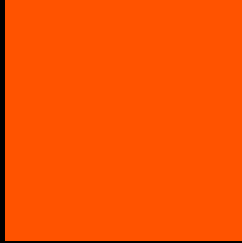
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.9660, 129.1550, 10.6510 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 124.9660, 129.1550, 10.6510

Background



This preview shows how black text looks on a background with the YIQ color 124.9660, 129.1550, 10.6510.



This preview shows how white text looks on a background with the YIQ color 124.9660, 129.1550,

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

124.9660, 129.1550, 10.6510

Protanopia

135.7450, 47.6890, -32.7830

Deuteranopia

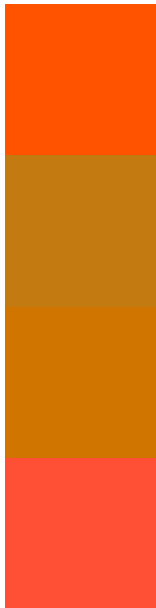
133.9510, 70.4760, -32.7560



Tritanopia

132.0800, 103.6120, 38.5560

Trichromacy



Original Color

124.9660, 129.1550, 10.6510

Protanomaly

131.8570, 77.2130, -17.1790

Deuteranomaly

130.8710, 91.7930, -17.0950

Tritanomaly

129.2470, 112.9670, 28.7030

Monochromacy



Original Color

124.9660, 129.1550, 10.6510

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1180, 46.5820, 3.8140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.9660, 129.1550, 10.6510 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(255, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 83, 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(255, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 83, 0) }
```

Border

The CSS property to change the border of an element to YIQ 124.9660, 129.1550, 10.6510 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(255, 83, 0) }
```

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

```
.border{ border-color:rgb(255, 83, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 83, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 83, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 124.9660, 129.1550, 10.6510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 83, 0) }
```

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

```
.background{ background-color: rgb(255, 83,  
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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