

Converting Colors

YIQ(127.7530, 125.4410,
11.8810)

Have a look what the booklet for
YIQ(127.7530, 125.4410, 11.8810)
contains.

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Color

**YIQ(127.7530, 125.4410,
11.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5609
RGB	255, 86, 9
RGB Percent	100%, 34%, 4%
CMY	0.0000, 0.6630, 0.9641
CMYK	0.00, 0.66, 0.96, 0.00
HSL	19°, 100%, 52%
HSV	19°, 96%, 100%
XYZ	44.6122, 27.9242, 3.3011
YIQ	127.7530, 125.4410, 11.8810

Conversions

Conversions Part 2

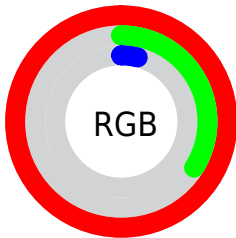
Format	Color
R_{YB}	255, 121, 9
Decimal	16733705
CIE _{Lab}	59.82, 61.76, 68.36
CIE _{LCh}	60, 92.130, 47.902
Yxy	27.9242, 0.5883, 0.3682
Android (android.graphics.Color)	4294923785 (0xFFFF5609)
YUV	127.7530, -58.5452, 111.5956
Hunter-Lab	52.8434, 58.2198, 33.2865

Details

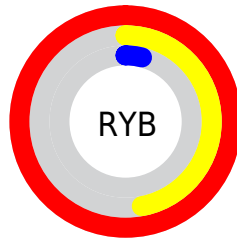
The YIQ color **127.7530, 125.4410, 11.8810** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **136.2470, -125.4410, -11.8810**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **168.1660, 90.1850, 1.0410**, and **66.4900, 107.9690, 31.1770** is the 20% darker color. If you saturate the color by 10%, you get **123.2050, 129.9800, 12.2200**, and if you desaturate by 10%, it is **140.6960, 112.4200, 11.0760**.

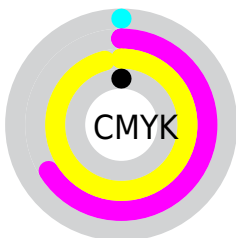
Distribution



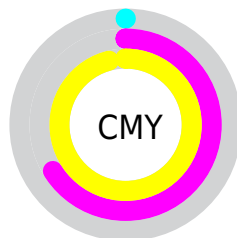
- Red (100%)
- Green (34%)
- Blue (4%)



- Red (100%)
- Yellow (47%)
- Blue (4%)



- Cyan (0%)
- Magenta (66%)
- Yellow (96%)
- Black (0%)





- Cyan (0%)
- Magenta (66%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.7530, 125.4410, 11.8810 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 127.7530, 125.4410, 11.8810 by changing the saturation by 10% instead.


 127.7530,
125.4410, 11.8810


 127.7530,
125.4410, 11.8810


255.0000, -0.0000,
-0.0000


 99.2500, 116.9120,
17.7760


 168.1660, 90.1850,
1.0410


 65.9030, 108.2440,
31.7000


 187.5660, 74.1390,
-5.5170


 46.6440, 92.9760,
33.0720


 207.6670, 57.4970,
-12.2870

 37.3750, 74.5000,
26.5000

 228.3550, 40.5800,
-19.5800

 28.1060, 56.0240,
19.9280

 246.2220, 24.7170,
-23.9470


 20.0760, 38.3730,
14.9250


 249.4140, 15.7290,


 9.6820, 18.7510,


-15.2390


7.0950


 252.7200, 6.4200,
-6.2200


 0.0000, 0.0000,
0.0000


 127.7530,
125.4410, 11.8810


 127.7530,
125.4410, 11.8810


 123.2050,
129.9800, 12.2200

 140.6960,
112.4200, 11.0760

 154.1120, 99.4450,
9.4370

 167.6420, 86.1490,
8.1090

 180.4710, 73.4490,
6.9930

 194.0010, 60.1530,
5.6650

206.8300, 47.4530,
4.5490

220.3600, 34.1570,
3.2210

233.1890, 21.4570,
2.1050

246.7190, 8.1610,
0.7770

Harmonies

Analogous

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



97.0370, 115.4800, 76.7920



127.7530, 125.4410, 11.8810



136.1210, 84.9170, -24.6430

Triad

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



127.7530, 125.4410, 11.8810



115.5100, -82.7470, -58.7710



110.0760, -119.8050, 7.1310

Complementary

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



127.7530, 125.4410, 11.8810



136.2470, -125.4410, -11.8810

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



127.7530, 125.4410, 11.8810



126.3740, -110.5820, -33.3820

Square

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



127.7530, 125.4410, 11.8810



99.2030, -46.4750, -88.3870



131.7950, -129.9800, -12.2200



144.8420, 15.0710, 73.8150

Rectangle

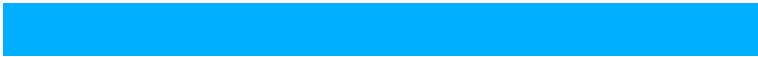
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



127.7530, 125.4410, 11.8810



133.5200, 52.2760, -44.3320



131.7950, -129.9800, -12.2200



115.9460, -122.5550, 1.9010

Sweetspot

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



127.7530, 125.4410, 11.8810



216.6270, 37.7790, 3.6590



102.1620, 91.4040, 105.6440



104.6730, 22.9700, 2.2180



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.



127.7530, 125.4410, 11.8810



123.2050, 129.9800, 12.2200



198.1930, 92.4410, -50.8790



121.2350, 6.6480, 0.6640



92.3290, 97.3360, 9.1120



30.8760, 32.6440, 3.1080

Inverse Universe

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



136.2470, -125.4410, -11.8810



131.7950, -129.9800, -12.2200



65.8070, -92.4410, 50.8790



121.7650, -6.6480, -0.6640



99.2580, -97.6110, -9.6350



33.1240, -32.6440, -3.1080

Previews

White Background



This preview shows how the YIQ color 127.7530, 125.4410, 11.8810 looks on a white background.

Color Contrast Check

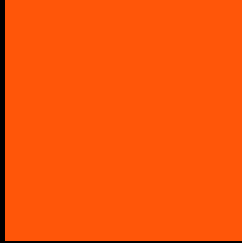
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7530, 125.4410, 11.8810 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 127.7530, 125.4410, 11.8810

Background



This preview shows how black text looks on a background with the YIQ color 127.7530, 125.4410, 11.8810.



This preview shows how white text looks on a background with the YIQ color 127.7530, 125.4410,

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

127.7530, 125.4410, 11.8810

Protanopia

137.1580, 47.9640, -32.2600

Deuteranopia

134.8370, 70.7970, -33.0670



Tritanopia

134.1830, 101.8240, 37.9200

Trichromacy



Original Color

127.7530, 125.4410, 11.8810

Protanomaly

133.9000, 75.6540, -16.4580

Deuteranomaly

132.0990, 91.1510, -16.4730

Tritanomaly

131.5780, 110.5370, 28.6890

Monochromacy



Original Color

127.7530, 125.4410, 11.8810

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.0470, 45.3440, 4.2240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.7530, 125.4410, 11.8810 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, 86, 9)` looks like.

```
.text, #text, p{  
    color:rgb(255, 86, 9)  
}
```

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, 86, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 86, 9) }
```

Border

The CSS property to change the border of an element to YIQ 127.7530, 125.4410, 11.8810 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, 86, 9) }
```


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

```
.border{ border-color:rgb(255, 86, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 86, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 86, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 86, 9);  
box-shadow:4px 4px 4px 4px rgb(255, 86, 9)  
}
```

Background

The CSS property to change the background color of an element to YIQ 127.7530, 125.4410, 11.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 86, 9) }
```

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

```
.background{ background-color: rgb(255, 86,  
9) }
```

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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