

Converting Colors

YIQ(127.8790, 124.8460, 6.1420)

Have a look what the booklet for
YIQ(127.8790, 124.8460, 6.1420)
contains.

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Color

**YIQ(127.8790, 124.8460,
6.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	FB5A00
RGB	251, 90, 0
RGB Percent	98%, 35%, 0%
CMY	0.0154, 0.6473, 0.9994
CMYK	0.00, 0.64, 1.00, 0.02
HSL	21°, 100%, 49%
HSV	21°, 100%, 98%
XYZ	43.4649, 27.8259, 3.0842
YIQ	127.8790, 124.8460, 6.1420

Conversions

Conversions Part 2

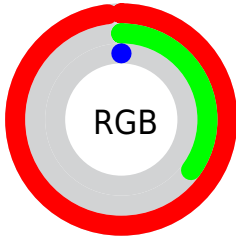
Format	Color
R_{YB}	251, 140, 0
Decimal	16472576
CIE Lab	59.73, 58.79, 69.60
CIE LCh	60, 91.109, 49.815
Yxy	27.8259, 0.5844, 0.3741
Android (android.graphics.Color)	4294662656 (0xFFFB5A00)
YUV	127.8790, -63.0443, 107.9771
Hunter-Lab	52.7503, 54.7667, 33.4586

Details

The YIQ color **127.8790, 124.8460, 6.1420** 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 **123.1210, -124.8460, -6.1420**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **169.4710, 90.6440, -1.7720**, and **71.1640, 102.8350, 25.0990** is the 20% darker color. If you saturate the color by 10%, you get **127.8790, 124.8460, 6.1420**, and if you desaturate by 10%, it is **140.1210, 112.4210, 5.5490**.

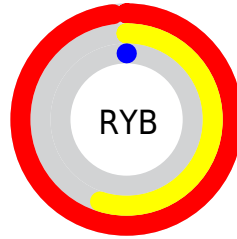
Distribution



Red (98%)

Green (35%)

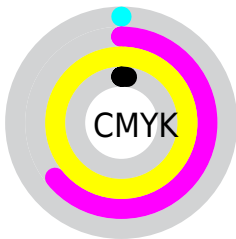
Blue (0%)



Red (98%)

Yellow (55%)

Blue (0%)

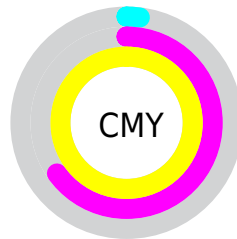


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.8790, 124.8460, 6.1420 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 127.8790, 124.8460, 6.1420 by changing the saturation by 10% instead.

127.8790,
124.8460, 6.1420

127.8790,
124.8460, 6.1420

255.0000, -0.0000,
-0.0000

100.9890,
113.1530, 14.3130

169.4710, 90.6440,
-1.7720

71.4630, 103.4310,
25.3110

188.9850, 74.2770,
-8.0190

45.7470, 91.1880,
32.4360

209.0860, 57.6350,
-14.7890

36.1790, 72.1160,
25.6520

229.1870, 40.9930,
-21.5590

27.2090, 54.2360,
19.2920

245.7660, 26.0010,
-25.1910


19.1790, 36.5850,
14.2890

249.0720, 16.6920,


8.4860, 16.3670,


-16.1720


6.2470


 252.3780, 7.3830,
-7.1530


 0.0000, 0.0000,
0.0000

 127.8790,
124.8460, 6.1420

 140.1210,
112.4210, 5.5490

 152.3630, 99.9960,
4.9560

 164.6050, 87.5710,
4.3630

 176.9610, 74.8250,
4.0810

 189.7900, 62.1250,
2.9650

202.0320, 49.7000,
2.3720

214.2740, 37.2750,
1.7790

226.5160, 24.8500,
1.1860

238.7580, 12.4250,
0.5930

Harmonies

Analogous

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



103.5110, 113.7850, 68.9610



127.8790, 124.8460, 6.1420



135.8000, 81.3870, -26.7490

Triad

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



127.8790, 124.8460, 6.1420



116.1940, -84.6730, -56.9050



115.7900, -104.0800, 14.0000

Complementary

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



127.8790, 124.8460, 6.1420



123.1210, -124.8460, -6.1420

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.



124.1640, -126.4050, -5.4210



127.8790, 124.8460, 6.1420



126.8300, -111.8660, -32.1380

Square

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



127.8790, 124.8460, 6.1420



100.5710, -50.3270, -84.6550



131.7950, -129.9800, -12.2200



144.0060, 20.4810, 74.8890

Rectangle

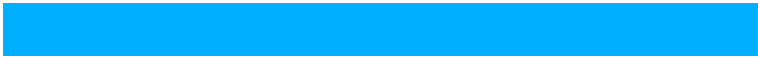
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



127.8790, 124.8460, 6.1420



132.6120, 49.0210, -45.9150



131.7950, -129.9800, -12.2200



114.7720, -122.0050, 2.9470

Sweetspot

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



127.8790, 124.8460, 6.1420



217.5730, 37.8710, 1.9910



93.6310, 97.2730, 103.9050



105.1460, 23.0160, 1.3840



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.



127.8790, 124.8460, 6.1420



129.6620, 126.9550, 6.4670



200.0800, 91.0210, -58.1870



118.8220, 6.3730, 0.1410



96.4270, 93.9440, 4.5040



31.1530, 30.3060, 1.4260

Inverse Universe

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



123.1210, -124.8460, -6.1420



125.3380, -126.9550, -6.4670



50.9200, -91.0210, 58.1870



118.1780, -6.3730, -0.1410



92.5730, -93.9440, -4.5040



29.8470, -30.3060, -1.4260

Previews

White Background



This preview shows how the YIQ color 127.8790, 124.8460, 6.1420 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 127.8790, 124.8460, 6.1420 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 127.8790, 124.8460, 6.1420

Background



This preview shows how black text looks on a background with the YIQ color 127.8790, 124.8460, 6.1420.



This preview shows how white text looks on a background with the YIQ color 127.8790, 124.8460,

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

127.8790, 124.8460, 6.1420

Protanopia

136.8160, 48.9270, -33.1930

Deuteranopia

134.8370, 70.7970, -33.0670



Tritanopia

134.9870, 99.4400, 37.0720

Trichromacy



Original Color

127.8790, 124.8460, 6.1420

Protanomaly

133.6180, 76.3880, -18.7480

Deuteranomaly

132.3330, 90.3720, -18.8760

Tritanomaly

132.2140, 108.5660, 25.8620

Monochromacy



Original Color

127.8790, 124.8460, 6.1420

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9930, 45.4360, 2.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.8790, 124.8460, 6.1420 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, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(251, 90, 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, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 90, 0) }
```

Border

The CSS property to change the border of an element to YIQ 127.8790, 124.8460, 6.1420 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, 90, 0) }
```


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

```
.border{ border-color:rgb(251, 90, 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, 90, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(251, 90, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 127.8790, 124.8460, 6.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 90, 0) }
```

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

```
.background{ background-color: rgb(251, 90,  
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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