

Converting Colors

YIQ(115.1980, 122.6900,
12.1780)

Have a look what the booklet for
YIQ(115.1980, 122.6900, 12.1780)
contains.

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Color

**YIQ(115.1980, 122.6900,
12.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	F04A00
RGB	240, 74, 0
RGB Percent	94%, 29%, 0%
CMY	0.0585, 0.7100, 0.9994
CMYK	0.00, 0.69, 1.00, 0.06
HSL	18°, 100%, 47%
HSV	18°, 100%, 94%
XYZ	38.4103, 23.4294, 2.5019
YIQ	115.1980, 122.6900, 12.1780

Conversions

Conversions Part 2

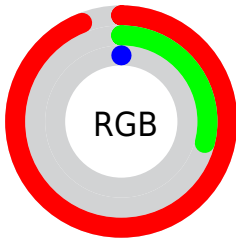
Format	Color
R_{YB}	240, 107, 0
Decimal	15747584
CIE _{Lab}	55.51, 61.42, 66.44
CIE _{LCh}	56, 90.480, 47.246
Yxy	23.4294, 0.5970, 0.3641
Android (android.graphics.Color)	4293937664 (0xFFFF04A00)
YUV	115.1980, -56.7926, 109.4514
Hunter-Lab	48.4039, 56.9395, 30.8182

Details

The YIQ color **115.1980, 122.6900, 12.1780** 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 **124.8020, -122.6900, -12.1780**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3240, 95.7320, 5.1400**, and **52.3250, 104.3000, 37.1000** is the 20% darker color. If you saturate the color by 10%, you get **115.1980, 122.6900, 12.1780**, and if you desaturate by 10%, it is **127.9130, 110.3110, 10.7510**.

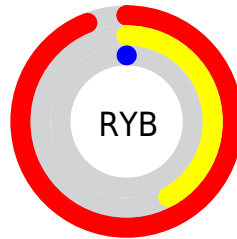
Distribution



Red (94%)

Green (29%)

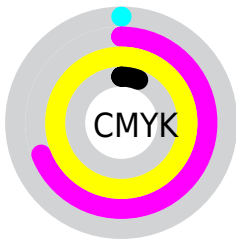
Blue (0%)



Red (94%)

Yellow (42%)

Blue (0%)

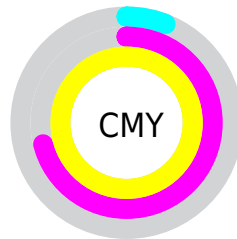


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (6%)



Cyan (6%)


Magenta (71%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.1980, 122.6900, 12.1780 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 115.1980, 122.6900, 12.1780 by changing the saturation by 10% instead.


 115.1980,
122.6900, 12.1780

 115.1980,
122.6900, 12.1780


255.0000, -0.0000,
-0.0000


 86.5470, 111.8220,
21.9180


 160.3240, 95.7320,
5.1400


 52.3250, 104.3000,
37.1000


 179.7240, 79.6860,
-1.4180


 42.4580, 84.6320,
30.1040


 199.7110, 63.3650,
-8.4990

 33.1890, 66.1560,
23.5320

 219.8120, 46.7230,
-15.2690

 24.0340, 47.3590,
17.2710

 240.6140, 29.4850,
-22.2510

 15.7760, 30.3500,
11.6460

 248.5020, 18.2970,

 0.0000, 0.0000,

-17.7270

0.0000

■ 251.6940, 9.3090,
-9.0190

■ 115.1980,
122.6900, 12.1780

■ 127.9130,
110.3110, 10.7510

■ 140.0410, 98.2070,
9.8470

■ 152.7560, 85.8280,
8.4200

■ 164.8840, 73.7240,
7.5160

■ 177.5990, 61.3450,
6.0890

■ 190.3140, 48.9660,
4.6620

■ 202.4420, 36.8620,
3.7580

■ 215.1570, 24.4830,
2.3310

■ 227.8720, 12.1040,
0.9040

Harmonies

Analogous

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



86.7330, 122.4480, 82.6720



115.1980, 122.6900, 12.1780



125.1900, 80.4690, -21.1230

Triad

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



115.1980, 122.6900, 12.1780



106.5110, -75.3200, -55.7040



104.2060, -117.0550, 12.3610

Complementary

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



115.1980, 122.6900, 12.1780



124.8020, -122.6900, -12.1780

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.



118.8810, -123.9300, -0.7140



115.1980, 122.6900, 12.1780



117.1470, -102.5130, -30.9370

Square

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



115.1980, 122.6900, 12.1780



92.1590, -43.1750, -82.1110



123.9530, -124.4330, -8.1210



133.2930, 12.1830, 71.0870

Rectangle

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



115.1980, 122.6900, 12.1780



123.1870, 49.0200, -40.3880



123.9530, -124.4330, -8.1210



110.0760, -119.8050, 7.1310

Sweetspot

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



115.1980, 122.6900, 12.1780



215.2250, 38.9710, 4.0830



90.9120, 89.1120, 103.1280



103.9720, 23.5660, 2.4300



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.



115.1980, 122.6900, 12.1780



122.0310, 130.5300, 13.2660



184.4640, 90.2400, -49.5360



113.9360, 6.0520, 0.4520



87.8880, 94.2640, 9.7200



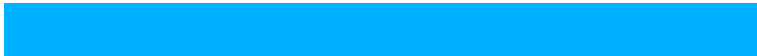
26.7230, 28.7010, 2.9810

Inverse Universe

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



124.8020, -122.6900, -12.1780



132.9690, -130.5300, -13.2660



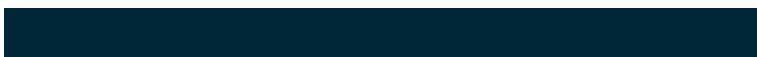
55.5360, -90.2400, 49.5360



114.0640, -6.0520, -0.4520



95.5250, -93.9890, -9.1970



29.2770, -28.7010, -2.9810

Previews

White Background



This preview shows how the YIQ color 115.1980, 122.6900, 12.1780 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 115.1980, 122.6900, 12.1780 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 115.1980, 122.6900, 12.1780

Background



This preview shows how black text looks on a background with the YIQ color 115.1980, 122.6900, 12.1780.



This preview shows how white text looks on a background with the YIQ color 115.1980, 122.6900, 12.1780.

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

115.1980, 122.6900, 12.1780

Protanopia

126.4720, 44.2040, -30.1960

Deuteranopia

124.7810, 65.2030, -30.8050



Tritanopia

120.7700, 101.5490, 37.3970

Trichromacy



Original Color

115.1980, 122.6900, 12.1780

Protanomaly

122.3990, 72.8110, -14.4930

Deuteranomaly

121.4020, 85.9240, -15.3560

Tritanomaly

118.9800, 109.3450, 28.2650

Monochromacy



Original Color

115.1980, 122.6900, 12.1780

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.8620, 44.4270, 4.3230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.1980, 122.6900, 12.1780 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(240, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 74, 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(240, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 74, 0) }
```

Border

The CSS property to change the border of an element to YIQ 115.1980, 122.6900, 12.1780 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(240, 74, 0) }
```


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

```
.border{ border-color:rgb(240, 74, 0) }
```

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

Here you see how a box with a 4 pixel rgb(240, 74, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 74, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 74, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 74, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 115.1980, 122.6900, 12.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 74, 0) }
```

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

```
.background{ background-color: rgb(240, 74,  
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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