

Converting Colors

YIQ(111.1000, 126.0820,
16.7860)

Have a look what the booklet for
YIQ(111.1000, 126.0820, 16.7860)
contains.

YIQ(111.1000, 126.0820, 16.7860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(111.1000, 126.0820,
16.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	F24200
RGB	242, 66, 0
RGB Percent	95%, 26%, 0%
CMY	0.0506, 0.7414, 0.9994
CMYK	0.00, 0.73, 1.00, 0.05
HSL	16°, 100%, 47%
HSV	16°, 100%, 95%
XYZ	38.5957, 22.7824, 2.3673
YIQ	111.1000, 126.0820, 16.7860

Conversions

Conversions Part 2

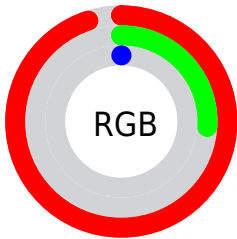
Format	Color
RYB	242, 91, 0
Decimal	15876608
CIELab	54.85, 64.88, 66.33
CIElCh	55, 92.786, 45.633
Yxy	22.7824, 0.6055, 0.3574
Android (android.graphics.Color)	4294066688 (0xFFFF24200)
YUV	111.1000, -54.7723, 114.7993
Hunter-Lab	47.7309, 60.8079, 30.4711

Details

The YIQ color **111.1000, 126.0820, 16.7860** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **130.9000, -126.0820, -16.7860**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6880, 97.7030, 7.9670**, and **52.6240, 104.8960, 37.3120** is the 20% darker color. If you saturate the color by 10%, you get **111.1000, 126.0820, 16.7860**, and if you desaturate by 10%, it is **124.4020, 113.4280, 14.8360**.

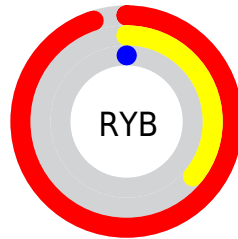
Distribution



Red (95%)

Green (26%)

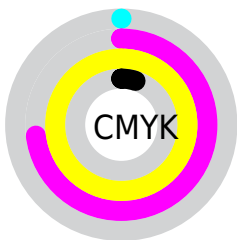
Blue (0%)



Red (95%)

Yellow (36%)

Blue (0%)

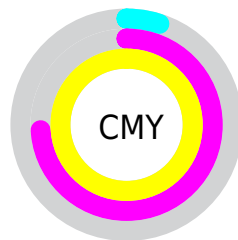


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (74%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.1000, 126.0820, 16.7860 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 111.1000, 126.0820, 16.7860 by changing the saturation by 10% instead.


 111.1000,
126.0820, 16.7860


 111.1000,
126.0820, 16.7860


254.8860, 0.3210,
-0.3110


 80.1010, 116.3140,
28.6180


 156.6880, 97.7030,
7.9670


 52.6240, 104.8960,
37.3120

 176.6750, 81.3820,
0.8860


 43.0560, 85.8240,
30.5280


 196.0750, 65.3360,
-5.6720

 33.4880, 66.7520,
23.7440

 216.7630, 48.4190,
-12.9650

 24.4470, 47.6340,
17.7940

 236.8640, 31.7770,
-19.7350

 15.7760, 30.3500,
11.6460

 248.2740, 18.9390,

 0.0000, 0.0000,

-18.3490

0.0000

■ 251.5800, 9.6300,
-9.3300

■ 111.1000,
126.0820, 16.7860

■ 124.4020,
113.4280, 14.8360

■ 137.2310,
100.7280, 13.7200

■ 150.5330, 88.0740,
11.7700

■ 163.2480, 75.6950,
10.3430

■ 176.5500, 63.0410,
8.3930

189.8520, 50.3870,
6.4430

202.6810, 37.6870,
5.3270

215.9830, 25.0330,
3.3770

229.2850, 12.3790,
1.4270

Harmonies

Analogous

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



86.9610, 121.8060, 83.2940



111.1000, 126.0820, 16.7860



123.4400, 82.7610, -18.6070

Triad

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



111.1000, 126.0820, 16.7860



105.1260, -72.7980, -57.3580



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.



111.1000, 126.0820, 16.7860



130.9000, -126.0820, -16.7860

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.



118.2940, -123.6550, -0.1910



111.1000, 126.0820, 16.7860



115.9900, -100.6330, -31.9690

Square

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



111.1000, 126.0820, 16.7860



90.9850, -42.6250, -81.0650



123.1380, -123.5160, -8.2200



131.3680, 7.5980, 71.5820

Rectangle

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



111.1000, 126.0820, 16.7860



122.0240, 51.0370, -38.3950



123.1380, -123.5160, -8.2200



110.0760, -119.8050, 7.1310

Sweetspot

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



111.1000, 126.0820, 16.7860



213.4640, 39.7960, 5.6520



92.6500, 87.0940, 106.6620



102.7980, 24.1160, 3.4760



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.



111.1000, 126.0820, 16.7860



116.7480, 133.0050, 17.9730



181.5400, 93.0820, -45.9740



113.3490, 6.3270, 0.9750



84.3660, 95.9140, 12.8580



25.5490, 29.2510, 4.0270

Inverse Universe

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



130.9000, -126.0820, -16.7860



138.2520, -133.0050, -17.9730



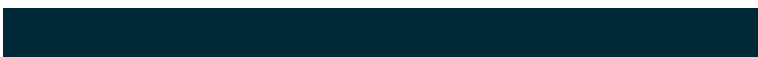
61.0470, -93.3570, 45.4510



114.6510, -6.3270, -0.9750



99.6340, -95.9140, -12.8580



30.4510, -29.2510, -4.0270

Previews

White Background



This preview shows how the YIQ color 111.1000, 126.0820, 16.7860 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 111.1000, 126.0820, 16.7860 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 111.1000, 126.0820, 16.7860

Background



This preview shows how black text looks on a background with the YIQ color 111.1000, 126.0820, 16.7860.



This preview shows how white text looks on a background with the YIQ color 111.1000, 126.0820,

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

111.1000, 126.0820, 16.7860

Protanopia

124.8140, 43.2410, -29.2630

Deuteranopia

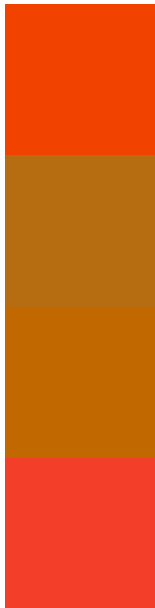
123.0090, 64.5610, -30.1830



Tritanopia

116.3470, 107.2340, 38.9940

Trichromacy



Original Color

111.1000, 126.0820, 16.7860

Protanomaly

119.7520, 73.3150, -12.6130

Deuteranomaly

119.0540, 87.0240, -13.2640

Tritanomaly

114.3120, 114.3420, 31.3180

Monochromacy



Original Color

111.1000, 126.0820, 16.7860

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.4000, 45.8480, 6.1040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.1000, 126.0820, 16.7860 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(242, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 66, 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(242, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 66, 0) }
```

Border

The CSS property to change the border of an element to YIQ 111.1000, 126.0820, 16.7860 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(242, 66, 0) }
```


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

```
.border{ border-color:rgb(242, 66, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 66, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 66, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 66, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 66, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 111.1000, 126.0820, 16.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 66, 0) }
```

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

```
.background{ background-color: rgb(242, 66,  
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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