

Converting Colors

YIQ(113.4240, 125.5300,
26.7940)

Have a look what the booklet for
YIQ(113.4240, 125.5300, 26.7940)
contains.

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Color

**YIQ(113.4240, 125.5300,
26.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	FA3E14
RGB	250, 62, 20
RGB Percent	98%, 24%, 8%
CMY	0.0192, 0.7571, 0.9210
CMYK	0.00, 0.75, 0.92, 0.02
HSL	11°, 96%, 53%
HSV	11°, 92%, 98%
XYZ	41.3086, 23.8315, 3.0909
YIQ	113.4240, 125.5300, 26.7940

Conversions

Conversions Part 2

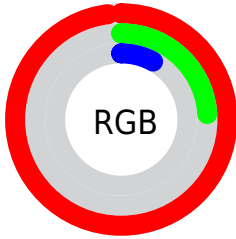
Format	Color
R_{YB}	250, 71, 20
Decimal	16399892
CIE _{Lab}	55.92, 68.74, 62.99
CIE _{LCh}	56, 93.236, 42.498
Yxy	23.8315, 0.6054, 0.3493
Android (android.graphics.Color)	4294589972 (0xFFFA3E14)
YUV	113.4240, -46.0580, 119.7772
Hunter-Lab	48.8175, 65.6134, 30.4183

Details

The YIQ color **113.4240, 125.5300, 26.7940** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **156.5760, -125.5300, -26.7940**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7680, 94.7220, 12.4340**, and **55.0160, 109.6640, 39.0080** is the 20% darker color. If you saturate the color by 10%, you get **101.1650, 136.6250, 29.4650**, and if you desaturate by 10%, it is **128.0140, 112.0050, 24.1090**.

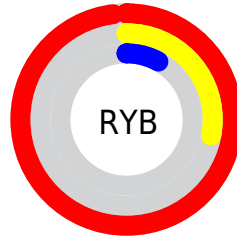
Distribution



Red (98%)

Green (24%)

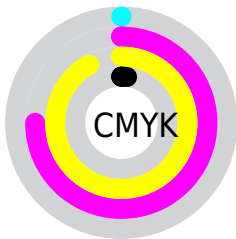
Blue (8%)



Red (98%)

Yellow (28%)

Blue (8%)

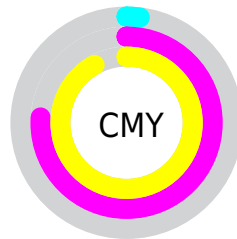


Cyan (0%)

Magenta (75%)

Yellow (92%)

Black (2%)



Cyan (2%)


Magenta (76%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.4240, 125.5300, 26.7940 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 113.4240, 125.5300, 26.7940 by changing the saturation by 10% instead.


 113.4240,
125.5300, 26.7940


 113.4240,
125.5300, 26.7940


255.0000, -0.0000,
-0.0000


 76.6230, 123.8320,
35.5440


 156.7680, 94.7220,
12.4340


 55.0160, 109.6640,
39.0080


 176.6410, 78.7220,
5.0420


 45.1490, 89.9960,
32.0120


 196.7420, 62.0800,
-1.7280

 35.5810, 70.9240,
25.2280

 217.3160, 45.4840,
-9.3320

 26.5400, 51.8060,
19.2780

 238.1180, 28.2460,
-16.3140

 17.5700, 33.9260,
12.9180


 249.5280, 15.4080,


 5.6810, 11.3240,


-14.9280


4.0280


 252.8340, 6.0990,
-5.9090


 0.0000, 0.0000,
0.0000


 113.4240,
125.5300, 26.7940


 113.4240,
125.5300, 26.7940

 101.1650,
136.6250, 29.4650

 128.0140,
112.0050, 24.1090

 143.1910, 98.2050,
20.9010

 157.7810, 84.6800,
18.2160

 172.9580, 70.8800,
15.0080

 187.5480, 57.3550,
12.3230

■ 202.7250, 43.5550,
9.1150

■ 217.3150, 30.0300,
6.4300

■ 232.4920, 16.2300,
3.2220

■ 247.0820, 2.7050,
0.5370

Harmonies

Analogous

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



88.1010, 118.5960, 86.4040



113.4240, 125.5300, 26.7940



125.8430, 88.9960, -15.9640

Triad

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



113.4240, 125.5300, 26.7940



105.5020, -71.1010, -60.5810



107.7280, -118.7050, 9.2230

Complementary

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



113.4240, 125.5300, 26.7940



156.5760, -125.5300, -26.7940

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.



121.2290, -125.0300, -2.8060



113.4240, 125.5300, 26.7940



117.0670, -99.5320, -35.4040

Square

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



113.4240, 125.5300, 26.7940



92.1590, -43.1750, -82.1110



125.1440, -123.6530, -11.2450



134.8120, -2.5800, 68.8120

Rectangle

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



113.4240, 125.5300, 26.7940



125.0140, 56.9970, -36.2750



125.1440, -123.6530, -11.2450



113.0110, -121.1800, 4.5160

Sweetspot

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



113.4240, 125.5300, 26.7940



212.8600, 38.7410, 8.2530



110.6580, 75.4480, 108.4720



101.8520, 24.0240, 5.1440



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.



113.4240, 125.5300, 26.7940



103.2470, 139.3300, 30.0020



178.5810, 95.0050, -31.2590



117.6480, 6.9230, 1.1870



76.4690, 103.2940, 22.2860



24.6960, 33.3310, 7.1790

Inverse Universe

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



156.5760, -125.5300, -26.7940



151.7530, -139.3300, -30.0020



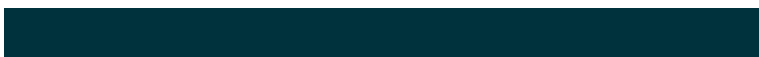
91.4190, -95.0050, 31.2590



119.9390, -7.1980, -1.7100



111.9440, -103.0190, -21.7630



36.3040, -33.3310, -7.1790

Previews

White Background



This preview shows how the YIQ color 113.4240, 125.5300, 26.7940 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 113.4240, 125.5300, 26.7940 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 113.4240, 125.5300, 26.7940

Background



This preview shows how black text looks on a background with the YIQ color 113.4240, 125.5300, 26.7940.



This preview shows how white text looks on a background with the YIQ color 113.4240, 125.5300,

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

113.4240, 125.5300, 26.7940

Protanopia

128.7260, 40.6730, -26.7750

Deuteranopia

125.9660, 66.1200, -30.9040



Tritanopia

115.9350, 114.3860, 41.5380

Trichromacy



Original Color

113.4240, 125.5300, 26.7940

Protanomaly

122.9570, 71.4800, -6.8880

Deuteranomaly

121.3470, 87.7570, -10.0270

Tritanomaly

114.9260, 118.6050, 36.6610

Monochromacy



Original Color

113.4240, 125.5300, 26.7940

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9210, 45.9390, 9.9630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.4240, 125.5300, 26.7940 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(250, 62, 20)` looks like.

```
.text, #text, p{  
    color:rgb(250, 62, 20)  
}
```

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(250, 62, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 62, 20) }
```

Border

The CSS property to change the border of an element to YIQ 113.4240, 125.5300, 26.7940 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(250, 62, 20) }
```


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

```
.border{ border-color:rgb(250, 62, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 62, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 62, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 62, 20);  
box-shadow:4px 4px 4px 4px rgb(250, 62,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 113.4240, 125.5300, 26.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 62, 20) }
```

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

```
.background{ background-color: rgb(250, 62,  
20) }
```

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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