

Converting Colors

YIQ(113.1580, 129.3350,
29.4230)

Have a look what the booklet for
YIQ(113.1580, 129.3350, 29.4230)
contains.

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Color

**YIQ(113.1580, 129.3350,
29.4230)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3B14
RGB	255, 59, 20
RGB Percent	100%, 23%, 8%
CMY	0.0000, 0.7689, 0.9210
CMYK	0.00, 0.77, 0.92, 0.00
HSL	10°, 100%, 54%
HSV	10°, 92%, 100%
XYZ	42.9272, 24.4305, 3.1213
YIQ	113.1580, 129.3350, 29.4230

Conversions

Conversions Part 2

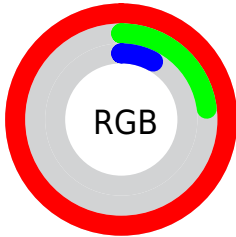
Format	Color
RYB	255, 67, 20
Decimal	16726804
CIELab	56.52, 71.05, 63.82
CIELCh	57, 95.503, 41.930
Yxy	24.4305, 0.6091, 0.3466
Android (android.graphics.Color)	4294916884 (0xFFFF3B14)
YUV	113.1580, -45.9269, 124.3954
Hunter-Lab	49.4272, 68.5287, 30.8548

Details

The YIQ color **113.1580, 129.3350, 29.4230** 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 **161.8420, -129.3350, -29.4230**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5940, 95.2720, 13.4800**, and **56.2120, 112.0480, 39.8560** is the 20% darker color. If you saturate the color by 10%, you get **100.8990, 140.4300, 32.0940**, and if you desaturate by 10%, it is **128.4490, 115.2140, 26.5260**.

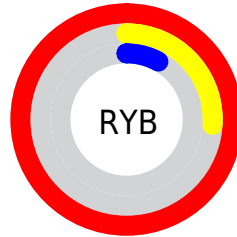
Distribution



Red (100%)

Green (23%)

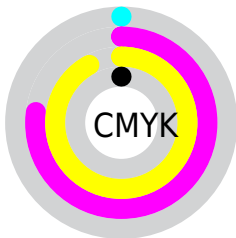
Blue (8%)



Red (100%)

Yellow (26%)

Blue (8%)

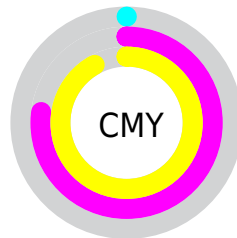


Cyan (0%)

Magenta (77%)

Yellow (92%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.1580, 129.3350, 29.4230 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 113.1580, 129.3350, 29.4230 by changing the saturation by 10% instead.


 113.1580,
129.3350, 29.4230


 113.1580,
129.3350, 29.4230


255.0000, -0.0000,
-0.0000


 72.5360, 128.6910,
41.0990


 155.5940, 95.2720,
13.4800


 56.2120, 112.0480,
39.8560


 176.1680, 78.6760,
5.8760


 46.3450, 92.3800,
32.8600


 196.1550, 62.3550,
-1.2050

 36.7770, 73.3080,
26.0760

 216.7290, 45.7590,
-8.8090

 27.7360, 54.1900,
20.1260

 237.5310, 28.5210,
-15.7910

 18.8800, 35.9890,
14.0770

 249.5280, 15.4080,


 7.8880, 15.1750,


-14.9280


5.8230

 252.8340, 6.0990,
-5.9090


 0.0000, 0.0000,
0.0000

 113.1580,
129.3350, 29.4230


 113.1580,
129.3350, 29.4230


 100.8990,
140.4300, 32.0940

 128.4490,
115.2140, 26.5260

 144.2130,
101.1390, 22.7950

 159.5040, 87.0180,
19.8980

 174.6810, 73.2180,
16.6900

 189.9720, 59.0970,
13.7930

205.7360, 45.0220,
10.0620

221.0270, 30.9010,
7.1650

236.2040, 17.1010,
3.9570

252.0820, 2.7050,
0.5370

Harmonies

Analogous

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



88.4430, 117.6330, 87.3370



113.1580, 129.3350, 29.4230



127.0390, 91.3800, -15.1160

Triad

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



113.1580, 129.3350, 29.4230



106.5620, -71.3300, -61.9380



108.9020, -119.2550, 8.1770

Complementary

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



113.1580, 129.3350, 29.4230



161.8420, -129.3350, -29.4230

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.



122.4030, -125.5800, -3.8520



113.1580, 129.3350, 29.4230



118.3550, -100.4030, -36.1390

Square

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



113.1580, 129.3350, 29.4230



93.3330, -43.7250, -83.1570



126.6600, -125.1660, -11.3580



135.3990, -2.8550, 68.2890

Rectangle

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



113.1580, 129.3350, 29.4230



126.4980, 58.5100, -36.1620



126.6600, -125.1660, -11.3580



114.7720, -122.0050, 2.9470

Sweetspot

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



113.1580, 129.3350, 29.4230



211.6860, 39.2910, 9.2990



113.0650, 75.8600, 112.0200



101.2650, 24.2990, 5.6670



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.



113.1580, 129.3350, 29.4230



100.8990, 140.4300, 32.0940



180.0760, 97.9850, -30.1990



120.0610, 7.1980, 1.7100



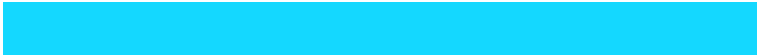
75.8930, 105.0360, 23.7560



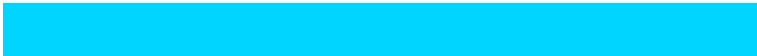
25.5930, 35.1190, 7.8150

Inverse Universe

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



161.8420, -129.3350, -29.4230



154.1010, -140.4300, -32.0940



94.9240, -97.9850, 30.1990



122.3520, -6.9230, -1.1870



115.6940, -105.3110, -24.2790



38.4070, -35.1190, -7.8150

Previews

White Background



This preview shows how the YIQ color 113.1580, 129.3350, 29.4230 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 113.1580, 129.3350, 29.4230 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 113.1580, 129.3350, 29.4230

Background



This preview shows how black text looks on a background with the YIQ color 113.1580, 129.3350, 29.4230.



This preview shows how white text looks on a background with the YIQ color 113.1580, 129.3350,

29.4230.

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

113.1580, 129.3350, 29.4230

Protanopia

129.7260, 40.6730, -26.7750

Deuteranopia

126.8520, 66.4410, -31.2150



Tritanopia

116.2020, 118.0080, 41.9760

Trichromacy



Original Color

113.1580, 129.3350, 29.4230

Protanomaly

123.5550, 72.6720, -6.4640

Deuteranomaly

122.2440, 89.5450, -9.3910

Tritanomaly

115.3070, 121.9060, 37.4100

Monochromacy



Original Color

113.1580, 129.3350, 29.4230

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9320, 47.4060, 10.9100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.1580, 129.3350, 29.4230 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, 59, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 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(255, 59, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 20) }
```

Border

The CSS property to change the border of an element to YIQ 113.1580, 129.3350, 29.4230 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, 59, 20) }
```


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

```
.border{ border-color:rgb(255, 59, 20) }
```

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

Here you see how a box with a 4 pixel rgb(255, 59, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 113.1580, 129.3350, 29.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 20) }
```

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

```
.background{ background-color: rgb(255, 59,  
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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