

Converting Colors

YIQ(123.3350, 115.5350,
26.2150)

Have a look what the booklet for
YIQ(123.3350, 115.5350, 26.2150)
contains.

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Color

**YIQ(123.3350, 115.5350,
26.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	FA4B28
RGB	250, 75, 40
RGB Percent	98%, 29%, 16%
CMY	0.0192, 0.7061, 0.8426
CMYK	0.00, 0.70, 0.84, 0.02
HSL	10°, 96%, 57%
HSV	10°, 84%, 98%
XYZ	42.3566, 25.5188, 4.7117
YIQ	123.3350, 115.5350, 26.2150

Conversions

Conversions Part 2

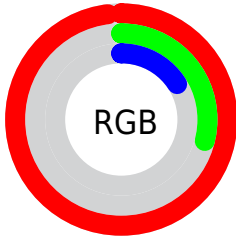
Format	Color
R _Y B	250, 82, 40
Decimal	16403240
CIE Lab	57.58, 64.77, 56.64
CIE LCh	58, 86.042, 41.170
Yxy	25.5188, 0.5835, 0.3516
Android (android.graphics.Color)	4294593320 (0xFFFA4B28)
YUV	123.3350, -41.0842, 111.0852
Hunter-Lab	50.5161, 61.2649, 29.8312

Details

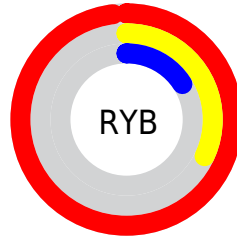
The YIQ color **123.3350, 115.5350, 26.2150** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **166.6650, -115.5350, -26.2150**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **164.5760, 86.5150, 12.4910**, and **55.3150, 110.2600, 39.2200** is the 20% darker color. If you saturate the color by 10%, you get **108.1580, 129.3350, 29.4230**, and if you desaturate by 10%, it is **138.5120, 101.7350, 23.0070**.

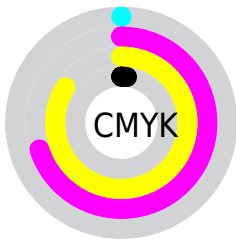
Distribution



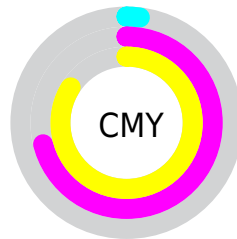
- Red (98%)
- Green (29%)
- Blue (16%)



- Red (98%)
- Yellow (32%)
- Blue (16%)



- Cyan (0%)
- Magenta (70%)
- Yellow (84%)
- Black (2%)





- Cyan (2%)
- Magenta (71%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.3350, 115.5350, 26.2150 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 123.3350, 115.5350, 26.2150 by changing the saturation by 10% instead.


 123.3350,
115.5350, 26.2150


 123.3350,
115.5350, 26.2150


255.0000, -0.0000,
-0.0000


 91.1330, 113.2880,
28.3920


 164.5760, 86.5150,
12.4910


 55.3150, 110.2600,
39.2200


 184.4490, 70.5150,
5.0990


 45.4480, 90.5920,
32.2240


 204.5500, 53.8730,
-1.6710

 35.8800, 71.5200,
25.4400

 224.6510, 37.2310,
-8.4410

 26.7250, 52.7230,
19.1790

 245.3390, 20.3140,
-15.7340

 18.5810, 35.3930,
13.8650

 251.5800, 9.6300,

 7.2900, 13.9830,

-9.3300

5.3990

254.7720, 0.6420,
-0.6220

■ 0.0000, 0.0000,
0.0000

■ 123.3350,
115.5350, 26.2150

■ 123.3350,
115.5350, 26.2150

■ 108.1580,
129.3350, 29.4230

■ 138.5120,
101.7350, 23.0070

■ 98.8170, 137.7250,
31.5570

■ 153.6890, 87.9350,
19.7990

■ 168.8660, 74.1350,
16.5910

■ 183.4560, 60.6100,
13.9060

■ 198.6330, 46.8100,
10.6980

213.8100, 33.0100,
7.4900

228.9870, 19.2100,
4.2820

244.1640, 5.4100,
1.0740

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



103.3290, 108.7860, 76.9620



123.3350, 115.5350, 26.2150



129.9740, 90.0050, -17.7310

Triad

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



123.3350, 115.5350, 26.2150



107.8330, -73.5310, -60.5950



110.6630, -120.0800, 6.6080

Complementary

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



123.3350, 115.5350, 26.2150



166.6650, -115.5350, -26.2150

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.



122.9900, -125.8550, -4.3750



123.3350, 115.5350, 26.2150



118.6000, -99.7150, -37.5950

Square

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



123.3350, 115.5350, 26.2150



107.6740, -16.5840, -73.9280



126.2210, -122.5520, -14.6800



140.4430, -6.1550, 62.0130

Rectangle

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



123.3350, 115.5350, 26.2150



129.1670, 60.9400, -36.1480



126.2210, -122.5520, -14.6800



115.9460, -122.5550, 1.9010

Sweetspot

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



123.3350, 115.5350, 26.2150



216.5930, 35.1190, 7.8150



123.1960, 67.7010, 100.1890



104.7700, 21.3190, 4.6070



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.



123.3350, 115.5350, 26.2150



100.8990, 140.4300, 32.0940



183.2090, 87.4850, -27.1310



117.6480, 6.9230, 1.1870



74.7080, 104.1190, 23.8550



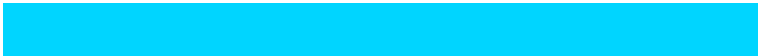
24.1090, 33.6060, 7.7020

Inverse Universe

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



166.6650, -115.5350, -26.2150



154.1010, -140.4300, -32.0940



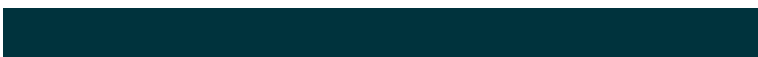
107.3780, -87.7600, 26.6080



119.9390, -7.1980, -1.7100



113.7050, -103.8440, -23.3320



36.8910, -33.6060, -7.7020

Previews

White Background



This preview shows how the YIQ color 123.3350, 115.5350, 26.2150 looks on a white background.

Color Contrast Check

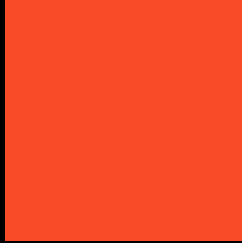
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.3350, 115.5350, 26.2150 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 123.3350, 115.5350, 26.2150

Background



This preview shows how black text looks on a background with the YIQ color 123.3350, 115.5350, 26.2150.



This preview shows how white text looks on a background with the YIQ color 123.3350, 115.5350,

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

123.3350, 115.5350, 26.2150

Protanopia

134.1370, 35.2620, -22.3220

Deuteranopia

131.0460, 63.1390, -26.4370



Tritanopia

125.1620, 106.3170, 39.0930

Trichromacy



Original Color

123.3350, 115.5350, 26.2150

Protanomaly

130.4170, 64.3730, -4.7390

Deuteranomaly

128.4050, 81.8420, -7.4540

Tritanomaly

124.3810, 109.8940, 34.8380

Monochromacy



Original Color

123.3350, 115.5350, 26.2150

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.3550, 41.7210, 9.3130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3350, 115.5350, 26.2150 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, 75, 40)` looks like.

```
.text, #text, p{  
    color:rgb(250, 75, 40)  
}
```

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, 75, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 75, 40) }
```

Border

The CSS property to change the border of an element to YIQ 123.3350, 115.5350, 26.2150 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, 75, 40) }
```


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

```
.border{ border-color:rgb(250, 75, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 75, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 75, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 75, 40);  
box-shadow:4px 4px 4px 4px rgb(250, 75,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3350, 115.5350, 26.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 75, 40) }
```

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

```
.background{ background-color: rgb(250, 75,  
40) }
```

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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