

Converting Colors

YIQ(140.3270, 100.8180,
23.1060)

Have a look what the booklet for
YIQ(140.3270, 100.8180, 23.1060)
contains.

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Color

**YIQ(140.3270, 100.8180,
23.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	FB6244
RGB	251, 98, 68
RGB Percent	98%, 38%, 27%
CMY	0.0153, 0.6159, 0.7329
CMYK	0.00, 0.61, 0.73, 0.02
HSL	10°, 96%, 63%
HSV	10°, 73%, 98%
XYZ	45.2237, 29.6676, 8.8290
YIQ	140.3270, 100.8180, 23.1060

Conversions

Conversions Part 2

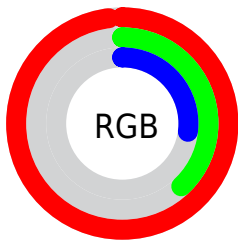
Format	Color
R_{YB}	251, 104, 68
Decimal	16474692
CIE Lab	61.37, 56.87, 46.82
CIE LCh	61, 73.664, 39.468
Yxy	29.6676, 0.5402, 0.3544
Android (android.graphics.Color)	4294664772 (0xFFFB6244)
YUV	140.3270, -35.6572, 97.0602
Hunter-Lab	54.4680, 52.8864, 28.5169

Details

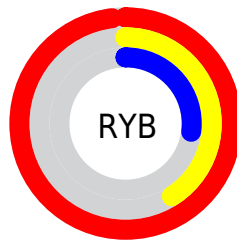
The YIQ color **140.3270, 100.8180, 23.1060** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **178.6730, -100.8180, -23.1060**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.0950, 71.7520, 10.2160**, and **81.2000, 93.9860, 25.7780** is the 20% darker color. If you saturate the color by 10%, you get **125.1500, 114.6180, 26.3140**, and if you desaturate by 10%, it is **155.5040, 87.0180, 19.8980**.

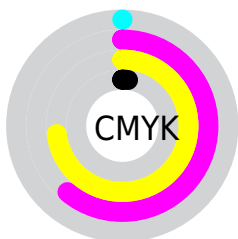
Distribution



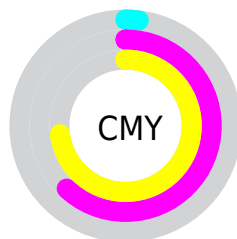
- Red (98%)
- Green (38%)
- Blue (27%)



- Red (98%)
- Yellow (41%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (73%)
- Black (2%)




- Cyan (2%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.3270, 100.8180, 23.1060 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 140.3270, 100.8180, 23.1060 by changing the saturation by 10% instead.


 140.3270,
100.8180, 23.1060


 140.3270,
100.8180, 23.1060


255.0000, -0.0000,
-0.0000


 111.5870, 97.1500,
23.5020


 180.0950, 71.7520,
10.2160


 81.2000, 93.9860,
25.7780


 199.4950, 55.7060,
3.6580


 46.6440, 92.9760,
33.0720


 219.5960, 39.0640,
-3.1120

 37.3750, 74.5000,
26.5000

 239.6970, 22.4220,
-9.8820

 28.1060, 56.0240,
19.9280

 251.6940, 9.3090,
-9.0190

 19.9620, 38.6940,
14.6140

 9.9810, 19.3470,

7.3070

■ 0.0000, 0.0000,
0.0000

■ 140.3270,
100.8180, 23.1060

■ 140.3270,
100.8180, 23.1060

■ 125.1500,
114.6180, 26.3140

■ 155.5040, 87.0180,
19.8980

■ 109.9730,
128.4180, 29.5220

■ 170.6810, 73.2180,
16.6900

■ 99.1160, 138.3210,
31.7690

■ 185.8580, 59.4180,
13.4820

■ 201.1490, 45.2970,
10.5850

■ 216.3260, 31.4970,
7.3770

231.5030, 17.6970,
4.1690

246.6800, 3.8970,
0.9610

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



135.6770, 89.3500, 54.7420



140.3270, 100.8180, 23.1060



138.8230, 91.7480, -21.7880

Triad

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



140.3270, 100.8180, 23.1060



114.1250, -80.2250, -60.4250



116.5330, -122.8300, 1.3780

Complementary

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



140.3270, 100.8180, 23.1060



178.6730, -100.8180, -23.1060

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.



127.0990, -127.7800, -8.0360



140.3270, 100.8180, 23.1060



123.6380, -102.8780, -40.8460

Square

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



140.3270, 100.8180, 23.1060



127.2770, -4.6200, -59.4680



129.5320, -122.2300, -20.5180



152.1510, -8.6290, 51.7790

Rectangle

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



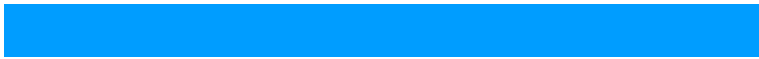
140.3270, 100.8180, 23.1060



138.6360, 66.8090, -37.8870



129.5320, -122.2300, -20.5180



121.2290, -125.0300, -2.8060

Sweetspot

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



140.3270, 100.8180, 23.1060



221.0270, 30.9010, 7.1650



140.5010, 58.9920, 87.3120



107.6880, 18.6140, 4.0700



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.



140.3270, 100.8180, 23.1060



120.5100, 122.4120, 28.2360



192.5700, 76.3430, -23.4410



117.0610, 7.1980, 1.7100



74.7080, 104.1190, 23.8550



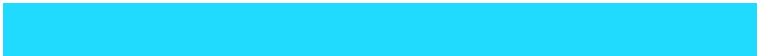
24.1090, 33.6060, 7.7020

Inverse Universe

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



178.6730, -100.8180, -23.1060



167.4900, -122.4120, -28.2360



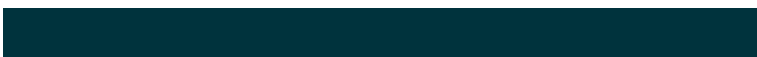
126.4300, -76.3430, 23.4410



119.9390, -7.1980, -1.7100



114.2920, -104.1190, -23.8550



36.8910, -33.6060, -7.7020

Previews

White Background



This preview shows how the YIQ color 140.3270, 100.8180, 23.1060 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 140.3270, 100.8180, 23.1060 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 140.3270, 100.8180, 23.1060

Background



This preview shows how black text looks on a background with the YIQ color 140.3270, 100.8180, 23.1060.



This preview shows how white text looks on a background with the YIQ color 140.3270, 100.8180,

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

140.3270, 100.8180, 23.1060

Protanopia

145.8900, 28.8880, -16.9360

Deuteranopia

144.8080, 52.5460, -16.1740



Tritanopia

141.9260, 92.2420, 35.3620

Trichromacy



Original Color

140.3270, 100.8180, 23.1060

Protanomaly

143.6210, 55.1110, -2.0810

Deuteranomaly

142.9340, 70.2870, -1.7850

Tritanomaly

141.1450, 95.8190, 31.1070

Monochromacy



Original Color

140.3270, 100.8180, 23.1060

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1910, 36.3110, 8.2390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.3270, 100.8180, 23.1060 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(251, 98, 68)` looks like.

```
.text, #text, p{  
    color:rgb(251, 98, 68)  
}
```

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(251, 98, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 98, 68) }
```

Border

The CSS property to change the border of an element to YIQ 140.3270, 100.8180, 23.1060 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(251, 98, 68) }
```


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

```
.border{ border-color:rgb(251, 98, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 98, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 98, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 98, 68);  
box-shadow:4px 4px 4px 4px rgb(251, 98,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 140.3270, 100.8180, 23.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 98, 68) }
```

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

```
.background{ background-color: rgb(251, 98,  
68) }
```

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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