

Converting Colors

YIQ(125.9980, 108.9340,
19.1900)

Have a look what the booklet for
YIQ(125.9980, 108.9340, 19.1900)
contains.

YIQ(125.9980, 108.9340, 19.1900)	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(125.9980, 108.9340,
19.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	F25426
RGB	242, 84, 38
RGB Percent	95%, 33%, 15%
CMY	0.0506, 0.6708, 0.8505
CMYK	0.00, 0.65, 0.84, 0.05
HSL	13°, 89%, 55%
HSV	13°, 84%, 95%
XYZ	40.1653, 25.3640, 4.6226
YIQ	125.9980, 108.9340, 19.1900

Conversions

Conversions Part 2

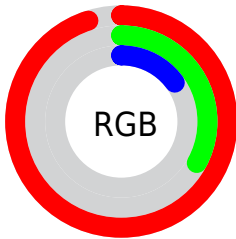
Format	Color
R_{YB}	242, 97, 38
Decimal	15881254
CIE _{Lab}	57.43, 58.71, 56.83
CIE _{LCh}	57, 81.709, 44.069
Yxy	25.3640, 0.5725, 0.3616
Android (android.graphics.Color)	4294071334 (0xFFFF25426)
YUV	125.9980, -43.3830, 101.7338
Hunter-Lab	50.3626, 54.2230, 29.8118

Details

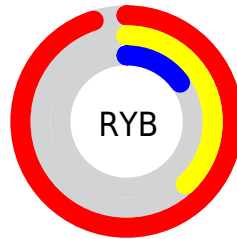
The YIQ color **125.9980, 108.9340, 19.1900** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **154.0020, -108.9340, -19.1900**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4570, 85.2320, 8.2080**, and **62.9020, 100.8170, 28.6330** is the 20% darker color. If you saturate the color by 10%, you get **112.1090, 121.8630, 21.6630**, and if you desaturate by 10%, it is **139.8870, 96.0050, 16.7170**.

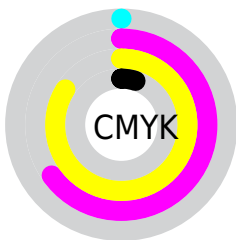
Distribution



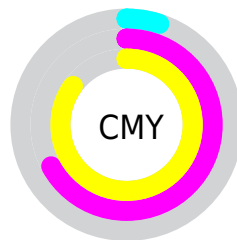
- Red (95%)
- Green (33%)
- Blue (15%)



- Red (95%)
- Yellow (38%)
- Blue (15%)



- Cyan (0%)
- Magenta (65%)
- Yellow (84%)
- Black (5%)





- Cyan (5%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.9980, 108.9340, 19.1900 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 125.9980, 108.9340, 19.1900 by changing the saturation by 10% instead.


 125.9980,
108.9340, 19.1900

 125.9980,
108.9340, 19.1900


255.0000, -0.0000,
-0.0000

 96.2150, 106.8250,
18.8650


 168.4570, 85.2320,
8.2080

 62.9020, 100.8170,
28.6330


 187.8570, 69.1860,
1.6500


 43.6540, 87.0160,
30.9520


 207.8440, 52.8650,
-5.4310

 34.0860, 67.9440,
24.1680

 227.9450, 36.2230,
-12.2010

 25.1160, 50.0640,
17.8080

 248.1600, 19.2600,
-18.6600

 16.9720, 32.7340,
12.4940

 251.3520, 10.2720,

 3.5880, 7.1520,

-9.9520

2.5440

254.6580, 0.9630,
-0.9330

■ 0.0000, 0.0000,
0.0000

■ 125.9980,
108.9340, 19.1900

■ 125.9980,
108.9340, 19.1900

■ 112.1090,
121.8630, 21.6630

■ 139.8870, 96.0050,
16.7170


■ 104.0560,
129.3820, 23.0620


■ 153.3030, 83.0300,
15.0780


■ 167.1920, 70.1010,
12.6050


■ 181.0810, 57.1720,
10.1320

■ 194.9700, 44.2430,
7.6590

 208.8590, 31.3140,
5.1860

 222.2750, 18.3390,
3.5470

 236.1640, 5.4100,
1.0740

 249.9390, -7.1980,
-1.7100

Harmonies

Analogous

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



114.9720, 104.9370, 64.1130



125.9980, 108.9340, 19.1900



130.2290, 84.7330, -21.3070

Triad

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



125.9980, 108.9340, 19.1900



108.3860, -76.4660, -56.9620



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.



125.9980, 108.9340, 19.1900



154.0020, -108.9340, -19.1900

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



125.9980, 108.9340, 19.1900



118.6970, -101.3660, -35.2060

Square

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



125.9980, 108.9340, 19.1900



105.2220, -21.1230, -74.2670



125.0470, -122.0020, -13.6340



140.4070, 2.6940, 61.3340

Rectangle

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



125.9980, 108.9340, 19.1900



128.2480, 56.2180, -38.6780



125.0470, -122.0020, -13.6340



113.5980, -121.4550, 3.9930

Sweetspot

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



125.9980, 108.9340, 19.1900



218.9410, 34.0190, 5.7230



117.2360, 70.2240, 93.0080



105.9440, 20.7690, 3.5610



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.



125.9980, 108.9340, 19.1900



109.7040, 136.3050, 24.2490



184.6980, 81.4340, -33.1100



113.3490, 6.3270, 0.9750



79.0830, 98.3890, 17.5650



24.3750, 29.8010, 5.0730

Inverse Universe

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



154.0020, -108.9340, -19.1900



145.2960, -136.3050, -24.2490



95.3020, -81.4340, 33.1100



114.6510, -6.3270, -0.9750



104.3300, -98.1140, -17.0420



31.6250, -29.8010, -5.0730

Previews

White Background



This preview shows how the YIQ color 125.9980, 108.9340, 19.1900 looks on a white background.

Color Contrast Check

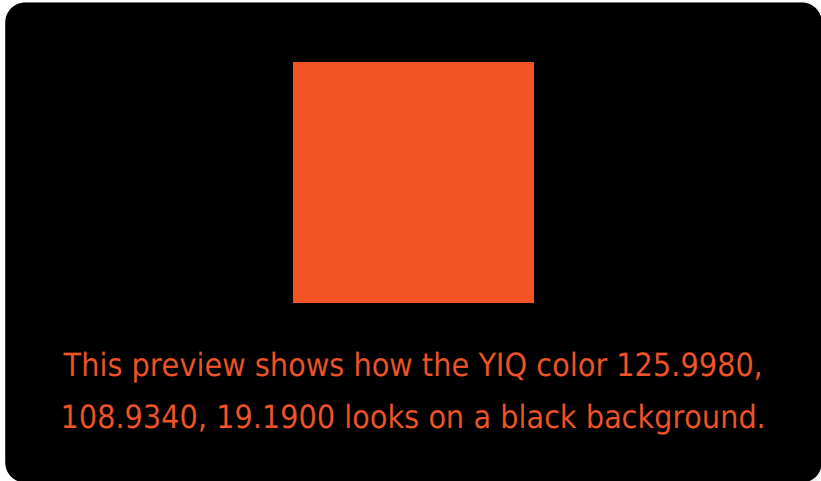
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 125.9980, 108.9340, 19.1900

Background



This preview shows how black text looks on a background with the YIQ color 125.9980, 108.9340, 19.1900.



This preview shows how white text looks on a background with the YIQ color 125.9980, 108.9340, 19.1900.

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

125.9980, 108.9340, 19.1900

Protanopia

133.5670, 36.8670, -23.8770

Deuteranopia

131.0460, 63.1390, -26.4370



Tritanopia

128.4920, 96.4600, 36.0120

Trichromacy



Original Color

125.9980, 108.9340, 19.1900

Protanomaly

130.8250, 63.0440, -8.1880

Deuteranomaly

129.1550, 79.5500, -9.9700

Tritanomaly

127.8420, 101.0460, 29.9900

Monochromacy



Original Color

125.9980, 108.9340, 19.1900

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1050, 39.4290, 6.7970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.9980, 108.9340, 19.1900 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, 84, 38)` looks like.

```
.text, #text, p{  
    color:rgb(242, 84, 38)  
}
```

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, 84, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 84, 38) }
```

Border

The CSS property to change the border of an element to YIQ 125.9980, 108.9340, 19.1900 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, 84, 38) }
```


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

```
.border{ border-color:rgb(242, 84, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 84, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 84, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 84, 38);  
box-shadow:4px 4px 4px 4px rgb(242, 84,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 125.9980, 108.9340, 19.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 84, 38) }
```

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

```
.background{ background-color: rgb(242, 84,  
38) }
```

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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