

Converting Colors

`YIQ(92.0480, 133.0010, 40.0810)`

Have a look what the booklet for
YIQ(92.0480, 133.0010, 40.0810)
contains.

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Color

**YIQ(92.0480, 133.0010,
40.0810)**

Conversions

Conversions Part 1

Format	Color
Hex	F41E0D
RGB	244, 30, 13
RGB Percent	96%, 12%, 5%
CMY	0.0426, 0.8826, 0.9485
CMYK	0.00, 0.88, 0.95, 0.04
HSL	4°, 91%, 50%
HSV	4°, 95%, 96%
XYZ	37.8879, 20.2093, 2.2893
YIQ	92.0480, 133.0010, 40.0810

Conversions

Conversions Part 2

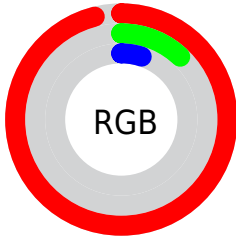
Format	Color
R_{YB}	244, 31, 13
Decimal	15998477
CIE _{Lab}	52.07, 74.56, 62.17
CIE _{LCh}	52, 97.078, 39.820
Yxy	20.2093, 0.6274, 0.3347
Android (android.graphics.Color)	4294188557 (0xFFFF41E0D)
YUV	92.0480, -38.9707, 133.2619
Hunter-Lab	44.9547, 71.7693, 28.4490

Details

The YIQ color **92.0480, 133.0010, 40.0810** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **164.9520, -133.0010, -40.0810**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **144.2300, 102.4690, 20.7170**, and **52.9230, 105.4920, 37.5240** is the 20% darker color. If you saturate the color by 10%, you get **83.5220, 140.4740, 42.3140**, and if you desaturate by 10%, it is **108.3990, 118.6510, 35.8270**.

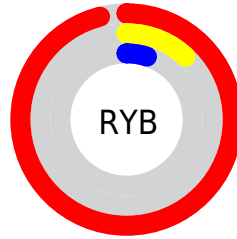
Distribution



Red (96%)

Green (12%)

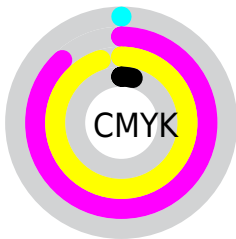
Blue (5%)



Red (96%)

Yellow (12%)

Blue (5%)

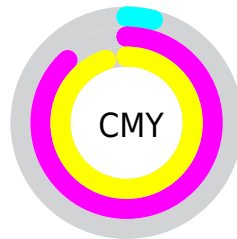


Cyan (0%)

Magenta (88%)

Yellow (95%)

Black (4%)



Cyan (4%)


Magenta (88%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 92.0480, 133.0010, 40.0810 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 92.0480, 133.0010, 40.0810 by changing the saturation by 10% instead.


 92.0480, 133.0010,
40.0810

 92.0480, 133.0010,
40.0810


255.0000, -0.0000,
-0.0000


 63.0890, 125.7560,
44.7320


 144.2300,
102.4690, 20.7170


 52.9230, 105.4920,
37.5240


 164.6900, 86.1940,
12.8020


 43.0560, 85.8240,
30.5280


 185.2640, 69.5980,
5.1980

 33.6020, 66.4310,
24.0550

 205.8380, 53.0020,
-2.4060

 24.8600, 47.9090,
18.3170

 226.5260, 36.0850,
-9.6990


 15.1780, 29.1580,
11.2220


 247.3280, 18.8470,


 0.0000, 0.0000,


-16.6810


0.0000


 251.8080, 8.9880,
-8.7080


 92.0480, 133.0010,
40.0810


 92.0480, 133.0010,
40.0810


 83.5220, 140.4740,
42.3140

 108.3990,
118.6510, 35.8270

 124.0490,
104.8970, 31.7850

 140.2860, 90.8680,
27.2200

 156.0500, 76.7930,
23.4890

 172.2870, 62.7640,
18.9240

■ 188.6380, 48.4140,
14.6700

■ 204.2880, 34.6600,
10.6280

■ 220.5250, 20.6310,
6.0630

■ 236.8760, 6.2810,
1.8090

Harmonies

Analogous

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



87.7590, 119.5590, 85.4710



92.0480, 133.0010, 40.0810



116.1300, 89.8660, -9.7020

Triad

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



92.0480, 133.0010, 40.0810



97.3520, -61.9310, -61.5710



104.2060, -117.0550, 12.3610

Complementary

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



92.0480, 133.0010, 40.0810



164.9520, -133.0010, -40.0810

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.



116.5330, -122.8300, 1.3780



92.0480, 133.0010, 40.0810



109.3730, -91.6460, -35.1500

Square

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



92.0480, 133.0010, 40.0810



85.7020, -40.1500, -76.3580



117.9060, -117.0510, -9.7470



124.0110, -13.4460, 67.4980

Rectangle

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



92.0480, 133.0010, 40.0810



116.4750, 57.3170, -31.0590



117.9060, -117.0510, -9.7470



109.4890, -119.5300, 7.6540

Sweetspot

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



92.0480, 133.0010, 40.0810



208.1640, 40.9410, 12.4370



106.6930, 68.3400, 116.1480



98.9170, 25.3990, 7.7590



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.



92.0480, 133.0010, 40.0810



87.3980, 146.7550, 44.1230



158.9660, 101.6510, -19.5410



114.1750, 6.8770, 2.0210



63.8320, 107.0060, 32.1100



19.9890, 34.0640, 10.4160

Inverse Universe

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



164.9520, -133.0010, -40.0810



167.6020, -146.7550, -44.1230



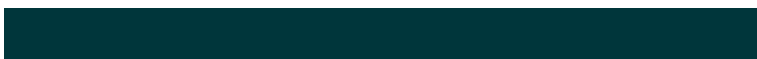
98.0340, -101.6510, 19.5410



118.4120, -7.1520, -2.5440



122.7550, -107.2810, -32.6330



38.4240, -33.7890, -9.8930

Previews

White Background



This preview shows how the YIQ color 92.0480, 133.0010, 40.0810 looks on a white background.

Color Contrast Check

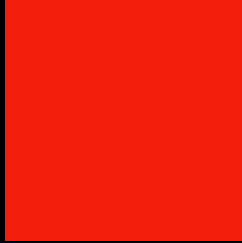
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.0480, 133.0010, 40.0810 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 92.0480, 133.0010, 40.0810

Background



This preview shows how black text looks on a background with the YIQ color 92.0480, 133.0010, 40.0810.



This preview shows how white text looks on a background with the YIQ color 92.0480, 133.0010,

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

92.0480, 133.0010, 40.0810

Protanopia

119.2250, 37.8300, -24.8100

Deuteranopia

116.7960, 60.8470, -28.9530



Tritanopia

92.6010, 130.0660, 43.7140

Trichromacy



Original Color

92.0480, 133.0010, 40.0810

Protanomaly

109.1300, 72.6710, -0.9370

Deuteranomaly

108.1500, 87.1140, -3.8780

Tritanomaly

92.1450, 131.3500, 42.4700

Monochromacy



Original Color

92.0480, 133.0010, 40.0810

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

91.6380, 48.4140, 14.6700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.0480, 133.0010, 40.0810 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(244, 30, 13)` looks like.

```
.text, #text, p{  
    color:rgb(244, 30, 13)  
}
```

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(244, 30, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 30, 13) }
```

Border

The CSS property to change the border of an element to YIQ 92.0480, 133.0010, 40.0810 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(244, 30, 13) }
```


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

```
.border{ border-color:rgb(244, 30, 13) }
```

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

Here you see how a box with a 4 pixel rgb(244, 30, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 30, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 30, 13);  
box-shadow:4px 4px 4px 4px rgb(244, 30,  
13) }
```

Background

The CSS property to change the background color of an element to YIQ 92.0480, 133.0010, 40.0810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 30, 13) }
```

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

```
.background{ background-color: rgb(244, 30,  
13) }
```

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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