

Converting Colors

YIQ(95.0070, 140.2460, 35.4300)

Have a look what the booklet for
YIQ(95.0070, 140.2460, 35.4300)
contains.

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Color

**YIQ(95.0070, 140.2460,
35.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	FB2200
RGB	251, 34, 0
RGB Percent	98%, 13%, 0%
CMY	0.0152, 0.8669, 0.9994
CMYK	0.00, 0.86, 1.00, 0.02
HSL	8°, 100%, 49%
HSV	8°, 100%, 98%
XYZ	40.3994, 21.6719, 2.0581
YIQ	95.0070, 140.2460, 35.4300

Conversions

Conversions Part 2

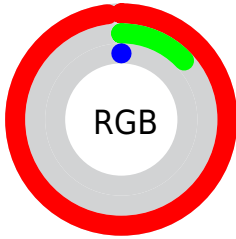
Format	Color
RYB	251, 39, 0
Decimal	16458240
CIELab	53.68, 75.61, 66.86
CIELCh	54, 100.926, 41.486
Yxy	21.6719, 0.6300, 0.3379
Android (android.graphics.Color)	4294648320 (0xFFFB2200)
YUV	95.0070, -46.8385, 136.8059
Hunter-Lab	46.5530, 73.4371, 29.9660

Details

The YIQ color **95.0070, 140.2460, 35.4300** 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 **155.9930, -140.2460, -35.4300**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.3070, 103.5700, 17.2820**, and **55.0160, 109.6640, 39.0080** is the 20% darker color. If you saturate the color by 10%, you get **95.0070, 140.2460, 35.4300**, and if you desaturate by 10%, it is **110.7710, 126.1710, 31.6990**.

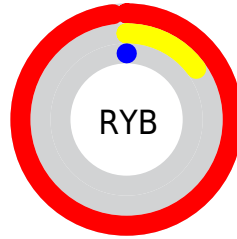
Distribution



Red (98%)

Green (13%)

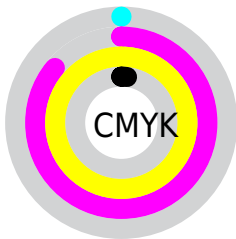
Blue (0%)



Red (98%)

Yellow (15%)

Blue (0%)

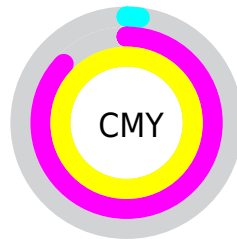


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (87%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.0070, 140.2460, 35.4300 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 95.0070, 140.2460, 35.4300 by changing the saturation by 10% instead.


 95.0070, 140.2460,
35.4300


 95.0070, 140.2460,
35.4300


 254.4300, 1.6050,
-1.5550


 64.8830, 129.3320,
46.0040


 145.3070,
103.5700, 17.2820


 55.0160, 109.6640,
39.0080


 165.7670, 87.2950,
9.3670


 45.1490, 89.9960,
32.0120


 186.3410, 70.6990,
1.7630

 35.3960, 70.0070,
25.3270

 207.0290, 53.7820,
-5.5300

 26.3550, 50.8890,
19.3770

 227.7170, 36.8650,
-12.8230


 16.9720, 32.7340,
12.4940

 247.9320, 19.9020,


 3.8870, 7.7480,


-19.2820


2.7560


 251.1240, 10.9140,
-10.5740


 0.0000, 0.0000,
0.0000


 95.0070, 140.2460,
35.4300

 110.7710,
126.1710, 31.6990

 125.9480,
112.3710, 28.4910

 141.7120, 98.2960,
24.7600

 157.5900, 83.9000,
21.3400

 173.3540, 69.8250,
17.6090

188.5310, 56.0250,
14.4010

204.2950, 41.9500,
10.6700

220.0590, 27.8750,
6.9390

235.8230, 13.8000,
3.2080

Harmonies

Analogous

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



87.6450, 119.8800, 85.1600



95.0070, 140.2460, 35.4300



119.9620, 90.2790, -11.6810

Triad

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



95.0070, 140.2460, 35.4300



101.0850, -65.5530, -62.0090



105.3800, -117.6050, 11.3150

Complementary

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



95.0070, 140.2460, 35.4300



155.9930, -140.2460, -35.4300

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.



119.4680, -124.2050, -1.2370



95.0070, 140.2460, 35.4300



113.4480, -96.2310, -34.6550

Square

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



95.0070, 140.2460, 35.4300



89.2240, -41.8000, -79.4960



122.9100, -122.8740, -8.8420



126.5390, -6.0650, 71.3990

Rectangle

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



95.0070, 140.2460, 35.4300



120.2960, 56.2630, -33.9850



122.9100, -122.8740, -8.8420



111.2500, -120.3550, 6.0850

Sweetspot

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



95.0070, 140.2460, 35.4300



207.5940, 42.5460, 10.8820



99.9010, 79.6180, 121.0100



99.2760, 25.7660, 6.6140



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.



95.0070, 140.2460, 35.4300



96.2030, 142.6300, 36.2780



168.3820, 105.8710, -29.9450



117.0610, 7.1980, 1.7100



71.1860, 105.7690, 26.9930



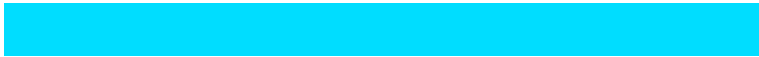
22.9350, 34.1560, 8.7480

Inverse Universe

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



155.9930, -140.2460, -35.4300



158.7970, -142.6300, -36.2780



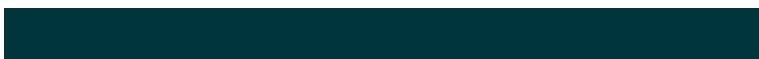
82.6180, -105.8710, 29.9450



119.9390, -7.1980, -1.7100



117.2270, -105.4940, -26.4700



38.0650, -34.1560, -8.7480

Previews

White Background



This preview shows how the YIQ color 95.0070, 140.2460, 35.4300 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 95.0070, 140.2460, 35.4300 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 95.0070, 140.2460, 35.4300

Background



This preview shows how black text looks on a background with the YIQ color 95.0070, 140.2460, 35.4300.



This preview shows how white text looks on a background with the YIQ color 95.0070, 140.2460,

35.4300.

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

95.0070, 140.2460, 35.4300

Protanopia

122.6120, 40.9940, -27.0860

Deuteranopia

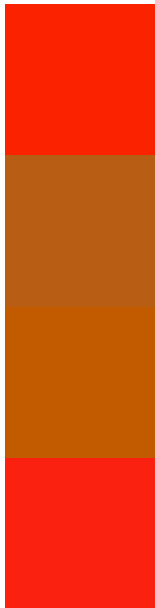
120.0520, 63.0020, -29.4620



Tritanopia

96.9110, 132.1290, 44.8730

Trichromacy



Original Color

95.0070, 140.2460, 35.4300

Protanomaly

112.4740, 77.3940, -3.9340

Deuteranomaly

110.8360, 90.8740, -5.9420

Tritanomaly

96.3580, 135.0640, 41.2400

Monochromacy



Original Color

95.0070, 140.2460, 35.4300

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.2530, 50.9360, 13.0160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.0070, 140.2460, 35.4300 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, 34, 0)` looks like.

```
.text, #text, p{  
    color:rgb(251, 34, 0)  
}
```

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, 34, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 34, 0) }
```

Border

The CSS property to change the border of an element to YIQ 95.0070, 140.2460, 35.4300 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, 34, 0) }
```


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

```
.border{ border-color:rgb(251, 34, 0) }
```

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

Here you see how a box with a 4 pixel rgb(251, 34, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 34, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 34, 0);  
box-shadow:4px 4px 4px 4px rgb(251, 34, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 95.0070, 140.2460, 35.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 34, 0) }
```

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

```
.background{ background-color: rgb(251, 34,  
0) }
```

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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