

Converting Colors

YIQ(94.1630, 140.1070, 43.4590)

Have a look what the booklet for
YIQ(94.1630, 140.1070, 43.4590)
contains.

YIQ(94.1630, 140.1070, 43.4590)	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(94.1630, 140.1070,
43.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1C0D
RGB	255, 28, 13
RGB Percent	100%, 11%, 5%
CMY	0.0000, 0.8904, 0.9484
CMYK	0.00, 0.89, 0.95, 0.00
HSL	4°, 100%, 53%
HSV	4°, 95%, 100%
XYZ	41.7266, 22.1154, 2.4552
YIQ	94.1630, 140.1070, 43.4590

Conversions

Conversions Part 2

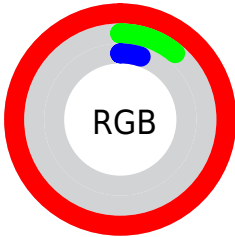
Format	Color
R_{YB}	255, 29, 13
Decimal	16718861
CIE Lab	54.15, 77.64, 64.44
CIE LCh	54, 100.903, 39.693
Yxy	22.1154, 0.6294, 0.3336
Android (android.graphics.Color)	4294908941 (0xFFFF1C0D)
YUV	94.1630, -40.0134, 141.0540
Hunter-Lab	47.0270, 76.0838, 29.8236

Details

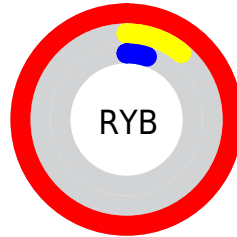
The YIQ color **94.1630, 140.1070, 43.4590** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **173.8370, -140.1070, -43.4590**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.9310, 101.8730, 20.5050**, and **56.2120, 112.0480, 39.8560** is the 20% darker color. If you saturate the color by 10%, you get **85.6370, 147.5800, 45.6920**, and if you desaturate by 10%, it is **111.2150, 125.1610, 38.9930**.

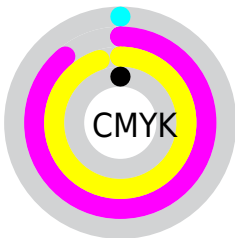
Distribution



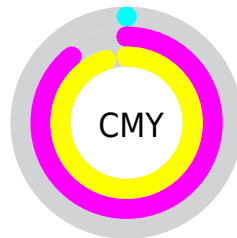
- Red (100%)
- Green (11%)
- Blue (5%)



- Red (100%)
- Yellow (11%)
- Blue (5%)



- Cyan (0%)
- Magenta (89%)
- Yellow (95%)
- Black (0%)





- Cyan (0%)
- Magenta (89%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.1630, 140.1070, 43.4590 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 94.1630, 140.1070, 43.4590 by changing the saturation by 10% instead.


 94.1630, 140.1070,
43.4590


 94.1630, 140.1070,
43.4590


255.0000, -0.0000,
-0.0000


 66.0790, 131.7160,
46.8520


 144.9310,
101.8730, 20.5050


 56.2120, 112.0480,
39.8560


 165.9780, 85.3230,
12.0670


 46.0460, 91.7840,
32.6480


 186.5520, 68.7270,
4.4630

 36.5920, 72.3910,
26.1750

 207.1260, 52.1310,
-3.1410

 27.2520, 52.6770,
20.0130

 227.9280, 34.8930,
-10.1230


 17.8690, 34.5220,
13.1300


 248.7300, 17.6550,


 6.2790, 12.5160,


-17.1050


4.4520


 251.9220, 8.6670,
-8.3970


 0.0000, 0.0000,
0.0000


 94.1630, 140.1070,
43.4590


 94.1630, 140.1070,
43.4590


 85.6370, 147.5800,
45.6920

 111.2150,
125.1610, 38.9930

 128.1530,
110.5360, 34.2160

 145.2050, 95.5900,
29.7500

 162.1430, 80.9650,
24.9730

 179.1950, 66.0190,
20.5070

196.1330, 51.3940,
15.7300

213.1850, 36.4480,
11.2640

229.5360, 22.0980,
7.0100

246.5880, 7.1520,
2.5440

Harmonies

Analogous

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



88.3290, 117.9540, 87.0260



94.1630, 140.1070, 43.4590



120.8700, 93.5340, -10.0980

Triad

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



94.1630, 140.1070, 43.4590



101.1020, -64.2230, -64.0870



107.1410, -118.4300, 9.7460

Complementary

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



94.1630, 140.1070, 43.4590



173.8370, -140.1070, -43.4590

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.



120.6420, -124.7550, -2.2830



94.1630, 140.1070, 43.4590



113.5790, -95.2220, -36.4220

Square

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



94.1630, 140.1070, 43.4590



89.2240, -41.8000, -79.4960



123.1550, -122.1860, -10.2980



127.6800, -11.0160, 67.5120

Rectangle

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



94.1630, 140.1070, 43.4590



121.5030, 60.1140, -32.1900



123.1550, -122.1860, -10.2980



113.0110, -121.1800, 4.5160

Sweetspot

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



94.1630, 140.1070, 43.4590



207.5770, 41.2160, 12.9600



111.5780, 70.4020, 122.8340



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.



94.1630, 140.1070, 43.4590



85.6370, 147.5800, 45.6920



163.4290, 107.6570, -18.2550



119.4740, 7.4730, 2.2330



64.1530, 110.5360, 34.2160



21.4840, 37.0440, 11.4760

Inverse Universe

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



173.8370, -140.1070, -43.4590



169.3630, -147.5800, -45.6920



104.5710, -107.6570, 18.2550



123.5260, -7.4730, -2.2330



127.4340, -110.8110, -34.7390



42.5160, -37.0440, -11.4760

Previews

White Background



This preview shows how the YIQ color 94.1630, 140.1070, 43.4590 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 94.1630, 140.1070, 43.4590 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 94.1630, 140.1070, 43.4590

Background



This preview shows how black text looks on a background with the YIQ color 94.1630, 140.1070, 43.4590.



This preview shows how white text looks on a background with the YIQ color 94.1630, 140.1070,

43.4590.

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

94.1630, 140.1070, 43.4590

Protanopia

124.0680, 39.7100, -25.8420

Deuteranopia

121.8240, 63.6440, -30.0840



Tritanopia

94.8470, 138.1810, 45.3250

Trichromacy



Original Color

94.1630, 140.1070, 43.4590

Protanomaly

113.3970, 76.2930, -0.4990

Deuteranomaly

111.7160, 91.3320, -3.2280

Tritanomaly

94.6190, 138.8230, 44.7030

Monochromacy



Original Color

94.1630, 140.1070, 43.4590

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2470, 51.0730, 16.0410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.1630, 140.1070, 43.4590 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(255, 28, 13)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 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(255, 28, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 13) }
```

Border

The CSS property to change the border of an element to YIQ 94.1630, 140.1070, 43.4590 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(255, 28, 13) }
```


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

```
.border{ border-color:rgb(255, 28, 13) }
```

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

Here you see how a box with a 4 pixel rgb(255, 28, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 13);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
13) }
```

Background

The CSS property to change the background color of an element to YIQ 94.1630, 140.1070, 43.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 13) }
```

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

```
.background{ background-color: rgb(255, 28,  
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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