

Converting Colors

YIQ(94.6530, 132.3150, 30.4830)

Have a look what the booklet for
YIQ(94.6530, 132.3150, 30.4830)
contains.

YIQ(94.6530, 132.3150, 30.4830)	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(94.6530, 132.3150,
30.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	F02700
RGB	240, 39, 0
RGB Percent	94%, 15%, 0%
CMY	0.0584, 0.8473, 0.9994
CMYK	0.00, 0.84, 1.00, 0.06
HSL	10°, 100%, 47%
HSV	10°, 100%, 94%
XYZ	36.6980, 19.9913, 1.9286
YIQ	94.6530, 132.3150, 30.4830

Conversions

Conversions Part 2

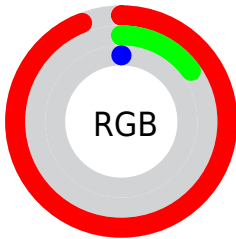
Format	Color
RYB	240, 47, 0
Decimal	15738624
CIELab	51.83, 71.73, 64.81
CIELCh	52, 96.670, 42.100
Yxy	19.9913, 0.6261, 0.3410
Android (android.graphics.Color)	4293928704 (0xFFFF02700)
YUV	94.6530, -46.6639, 127.4693
Hunter-Lab	44.7117, 68.2621, 28.7408

Details

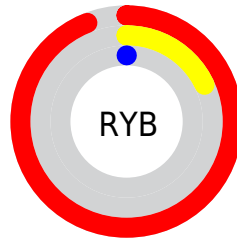
The YIQ color **94.6530, 132.3150, 30.4830** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **145.3470, -132.3150, -30.4830**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.1930, 103.8910, 16.9710**, and **51.7270, 103.1080, 36.6760** is the 20% darker color. If you saturate the color by 10%, you get **94.6530, 132.3150, 30.4830**, and if you desaturate by 10%, it is **109.1290, 119.1110, 27.4870**.

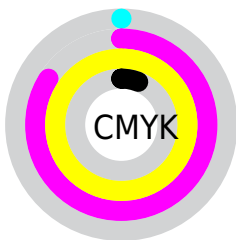
Distribution



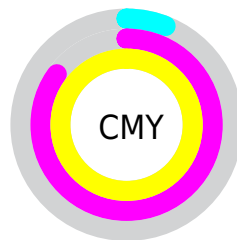
- Red (94%)
- Green (15%)
- Blue (0%)



- Red (94%)
- Yellow (18%)
- Blue (0%)



- Cyan (0%)
- Magenta (84%)
- Yellow (100%)
- Black (6%)





- Cyan (6%)
- Magenta (85%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 94.6530, 132.3150, 30.4830 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 94.6530, 132.3150, 30.4830 by changing the saturation by 10% instead.


 94.6530, 132.3150,
30.4830


 94.6530, 132.3150,
30.4830


 254.3160, 1.9260,
-1.8660


 61.8930, 123.3720,
43.8840


 145.1930,
103.8910, 16.9710


 52.0260, 103.7040,
36.8880


 165.6530, 87.6160,
9.0560


 42.1590, 84.0360,
29.8920


 186.2270, 71.0200,
1.4520

 32.7050, 64.6430,
23.4190

 206.3280, 54.3780,
-5.3180

 23.9630, 46.1210,
17.6810

 227.0160, 37.4610,
-12.6110


 14.2810, 27.3700,
10.5860


 247.8180, 20.2230,


 0.0000, 0.0000,


-19.5930


0.0000


 251.0100, 11.2350,
-10.8850


 94.6530, 132.3150,
30.4830

 109.1290,
119.1110, 27.4870

 123.6050,
105.9070, 24.4910

 138.0810, 92.7030,
21.4950

 152.5570, 79.4990,
18.4990

 167.6200, 66.0200,
14.9800

■ 182.0960, 52.8160,
11.9840

■ 196.5720, 39.6120,
8.9880

■ 211.0480, 26.4080,
5.9920

■ 225.5240, 13.2040,
2.9960

Harmonies

Analogous

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



87.0750, 121.4850, 83.6050



94.6530, 132.3150, 30.4830



116.0970, 85.4650, -12.5430

Triad

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



94.6530, 132.3150, 30.4830



97.5630, -63.9030, -58.8710



101.8580, -115.9550, 14.4530

Complementary

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



94.6530, 132.3150, 30.4830



145.3470, -132.3150, -30.4830

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.



115.3590, -122.2800, 2.4240



94.6530, 132.3150, 30.4830



109.3560, -92.9760, -33.0720

Square

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



94.6530, 132.3150, 30.4830



85.7020, -40.1500, -76.3580



117.7750, -118.0600, -7.9800



123.1970, -5.1020, 70.4660

Rectangle

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



94.6530, 132.3150, 30.4830



115.8550, 53.1910, -33.3770



117.7750, -118.0600, -7.9800



107.7280, -118.7050, 9.2230

Sweetspot

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



94.6530, 132.3150, 30.4830



208.7680, 41.9960, 9.8360



95.0160, 77.5560, 114.3240



99.8630, 25.4910, 6.0910



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.



94.6530, 132.3150, 30.4830



100.3120, 140.7050, 32.6170



163.3320, 100.1400, -30.7080



112.7620, 6.6020, 1.4980



72.6260, 101.4140, 23.3180



22.0270, 30.9010, 7.1650

Inverse Universe

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



145.3470, -132.3150, -30.4830



154.6880, -140.7050, -32.6170



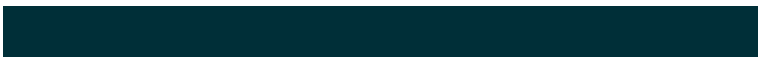
76.6680, -100.1400, 30.7080



115.2380, -6.6020, -1.4980



111.3740, -101.4140, -23.3180



33.9730, -30.9010, -7.1650

Previews

White Background



This preview shows how the YIQ color 94.6530, 132.3150, 30.4830 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 94.6530, 132.3150, 30.4830 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 94.6530, 132.3150, 30.4830

Background



This preview shows how black text looks on a background with the YIQ color 94.6530, 132.3150, 30.4830.



This preview shows how white text looks on a background with the YIQ color 94.6530, 132.3150,

30.4830.

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

94.6530, 132.3150, 30.4830

Protanopia

118.6550, 39.4350, -26.3650

Deuteranopia

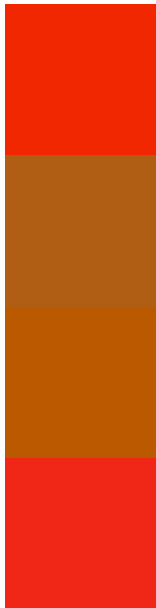
116.2090, 61.1220, -28.4300



Tritanopia

97.3550, 121.9510, 42.1030

Trichromacy



Original Color

94.6530, 132.3150, 30.4830

Protanomaly

109.9680, 72.9470, -5.9410

Deuteranomaly

108.1560, 86.9770, -6.9030

Tritanomaly

96.5740, 125.5280, 37.8480

Monochromacy



Original Color

94.6530, 132.3150, 30.4830

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.2310, 48.0020, 11.1220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.6530, 132.3150, 30.4830 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(240, 39, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 39, 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(240, 39, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 39, 0) }
```

Border

The CSS property to change the border of an element to YIQ 94.6530, 132.3150, 30.4830 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(240, 39, 0) }
```


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

```
.border{ border-color:rgb(240, 39, 0) }
```

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

Here you see how a box with a 4 pixel rgb(240, 39, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 39, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 39, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 39, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 94.6530, 132.3150, 30.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 39, 0) }
```

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

```
.background{ background-color: rgb(240, 39,  
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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