

Converting Colors

YIQ(94.4730, 44.7450, 20.5930)

Have a look what the booklet for
YIQ(94.4730, 44.7450, 20.5930)
contains.

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Color

**YIQ(94.4730, 44.7450,
20.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	964550
RGB	150, 69, 80
RGB Percent	59%, 27%, 31%
CMY	0.4116, 0.7295, 0.6861
CMYK	0.00, 0.54, 0.47, 0.41
HSL	352°, 37%, 43%
HSV	352°, 54%, 59%
XYZ	16.1626, 11.3207, 8.9310
YIQ	94.4730, 44.7450, 20.5930

Conversions

Conversions Part 2

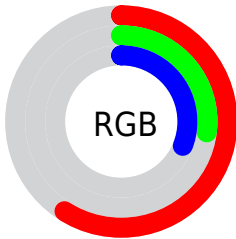
Format	Color
R_{YB}	150, 69, 80
Decimal	9848144
CIE _{Lab}	40.12, 35.13, 9.85
CIE _{LCh}	40, 36.488, 15.666
Yxy	11.3207, 0.4439, 0.3109
Android (android.graphics.Color)	4288038224 (0xFF964550)
YUV	94.4730, -7.1352, 48.6972
Hunter-Lab	33.6463, 26.8648, 7.8146

Details

The YIQ color **94.4730, 44.7450, 20.5930** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **124.5270, -44.7450, -20.5930**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.0390, 48.9630, 21.2430**, and **43.0750, 40.1140, 21.9220** is the 20% darker color. If you saturate the color by 10%, you get **84.1860, 53.0430, 24.3950**, and if you desaturate by 10%, it is **104.7600, 36.4470, 16.7910**.

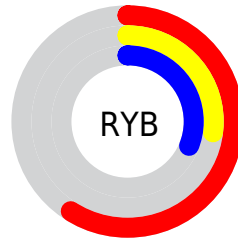
Distribution



Red (59%)

Green (27%)

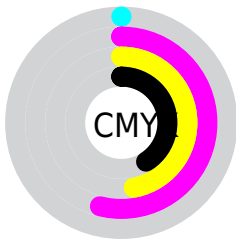
Blue (31%)



Red (59%)

Yellow (27%)

Blue (31%)

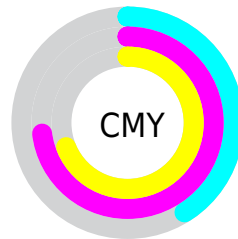


Cyan (0%)

Magenta (54%)

Yellow (47%)

Black (41%)



Cyan (41%)


Magenta (73%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.4730, 44.7450, 20.5930 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 94.4730, 44.7450, 20.5930 by changing the saturation by 10% instead.


 94.4730, 44.7450,
20.5930


 94.4730, 44.7450,
20.5930


255.0000, -0.0000,
-0.0000


 68.8040, 42.3150,
20.5790


 147.0390, 48.9630,
21.2430


 43.0750, 40.1140,
21.9220

 174.2350, 51.3470,
22.0910


 22.3410, 36.3090,
19.2930

 198.5440, 45.9830,
20.1830

 14.2810, 27.3700,
10.5860

 218.0580, 29.6160,
13.9360

 0.0000, 0.0000,
0.0000

 238.3870, 12.3320,
7.7880

■ 94.4730, 44.7450,
20.5930

■ 94.4730, 44.7450,
20.5930

■ 84.1860, 53.0430,
24.3950

■ 104.7600, 36.4470,
16.7910

■ 73.8990, 61.3410,
28.1970

■ 115.0470, 28.1490,
12.9890

■ 63.6120, 69.6390,
31.9990

■ 125.3340, 19.8510,
9.1870

■ 53.3250, 77.9370,
35.8010

■ 135.6210, 11.5530,
5.3850

■ 47.1300, 82.9800,
38.0200

■ 145.9080, 3.2550,
1.5830

■ 156.1950, -5.0430,
-2.2190

■ 166.4820,
-13.3410, -6.0210

■ 176.7690,

-21.6390, -9.8230

■ 187.0560,
-29.9370, -13.6250

Harmonies

Analogous

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



96.0880, 30.0720, 27.7040



94.4730, 44.7450, 20.5930



93.9980, 47.0400, 6.5280

Triad

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



94.4730, 44.7450, 20.5930



86.2860, -7.6980, -25.6980



77.2020, -76.8420, -6.0740

Complementary

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



94.4730, 44.7450, 20.5930



124.5270, -44.7450, -20.5930

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.



78.3130, -73.0810, -13.6650



94.4730, 44.7450, 20.5930



72.4020, -55.0590, -31.9150

Square

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



94.4730, 44.7450, 20.5930



90.1060, 19.3520, -20.3280



76.5230, -65.2850, -22.7970



92.5610, -31.7760, 14.2080

Rectangle

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



94.4730, 44.7450, 20.5930



93.0370, 42.1360, -3.7200



76.5230, -65.2850, -22.7970



77.9200, -76.1080, -8.3640

Sweetspot

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



94.4730, 44.7450, 20.5930



172.7250, 17.1920, 7.8160



98.8650, 15.1230, 39.8190



84.0230, 10.3610, 4.9610



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.4730, 44.7450, 20.5930



107.6120, 69.6390, 31.9990



109.6550, 40.5760, 2.5280



69.2070, 3.8510, 1.7950



43.4280, 76.1490, 35.1650



3.1040, 5.6390, 2.4310

Inverse Universe

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



94.4730, 44.7450, 20.5930



107.6120, 69.6390, 31.9990



109.3450, -40.5760, -2.5280



69.2070, 3.8510, 1.7950



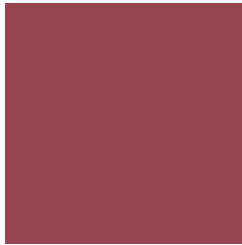
43.4280, 76.1490, 35.1650



3.1040, 5.6390, 2.4310

Previews

White Background



This preview shows how the YIQ color 94.4730, 44.7450, 20.5930 looks on a white background.

Color Contrast Check

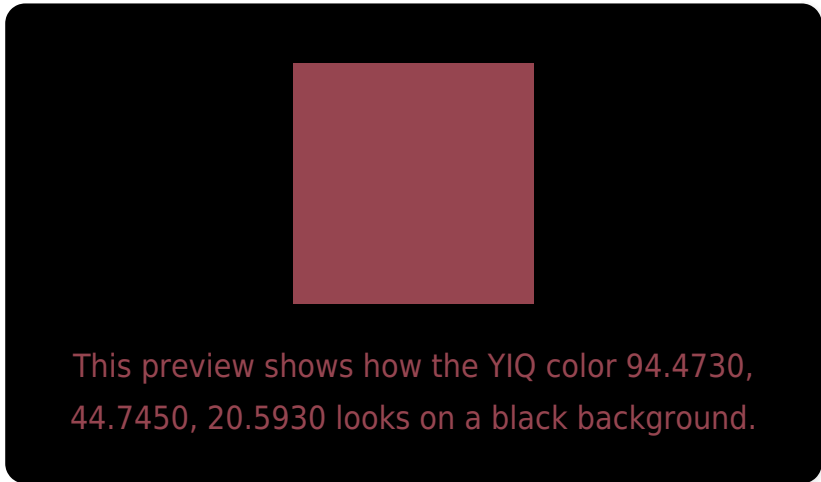
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 94.4730, 44.7450, 20.5930

Background



This preview shows how black text looks on a background with the YIQ color 94.4730, 44.7450, 20.5930.



This preview shows how white text looks on a background with the YIQ color 94.4730, 44.7450,

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

94.4730, 44.7450, 20.5930

Protanopia

95.3700, 1.8340, -0.1980

Deuteranopia

95.2700, 16.7350, -0.4250



Tritanopia

94.4900, 46.0750, 18.5150

Trichromacy



Original Color

94.4730, 44.7450, 20.5930

Protanomaly

95.1980, 17.2380, 6.9820

Deuteranomaly

94.8740, 26.9580, 7.0380

Tritanomaly

94.7180, 45.4330, 19.1370

Monochromacy



Original Color

94.4730, 44.7450, 20.5930

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1270, 16.0000, 7.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.4730, 44.7450, 20.5930 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(150, 69, 80)` looks like.

```
.text, #text, p{  
    color:rgb(150, 69, 80)  
}
```

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(150, 69, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 69, 80) }
```

Border

The CSS property to change the border of an element to YIQ 94.4730, 44.7450, 20.5930 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(150, 69, 80) }
```


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

```
.border{ border-color:rgb(150, 69, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 69, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 69, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 69, 80);  
box-shadow:4px 4px 4px 4px rgb(150, 69,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 94.4730, 44.7450, 20.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 69, 80) }
```

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

```
.background{ background-color: rgb(150, 69,  
80) }
```

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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