

Converting Colors

YIQ(94.5890, 84.5000, -0.5560)

Have a look what the booklet for
YIQ(94.5890, 84.5000, -0.5560)
contains.

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Color

**YIQ(94.5890, 84.5000,
-0.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	AF4800
RGB	175, 72, 0
RGB Percent	69%, 28%, 0%
CMY	0.3135, 0.7178, 0.9996
CMYK	0.00, 0.59, 1.00, 0.31
HSL	25°, 100%, 34%
HSV	25°, 100%, 69%
XYZ	20.0058, 13.7492, 1.6023
YIQ	94.5890, 84.5000, -0.5560

Conversions

Conversions Part 2

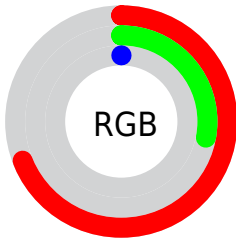
Format	Color
RYB	175, 122, 0
Decimal	11487232
CIELab	43.87, 39.36, 54.22
CIELCh	44, 66.995, 54.021
Yxy	13.7492, 0.5658, 0.3889
Android (android.graphics.Color)	4289677312 (0xFFAF4800)
YUV	94.5890, -46.6324, 70.5204
Hunter-Lab	37.0799, 31.4165, 23.3939

Details

The YIQ color **94.5890, 84.5000, -0.5560** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **80.4110, -84.5000, 0.5560**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.5620, 89.1300, 3.6420**, and **45.8260, 62.4440, 13.7080** is the 20% darker color. If you saturate the color by 10%, you get **94.5890, 84.5000, -0.5560**, and if you desaturate by 10%, it is **102.5110, 75.9720, -0.1880**.

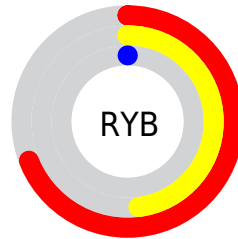
Distribution



Red (69%)

Green (28%)

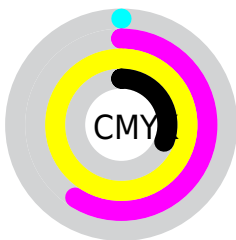
Blue (0%)



Red (69%)

Yellow (48%)

Blue (0%)

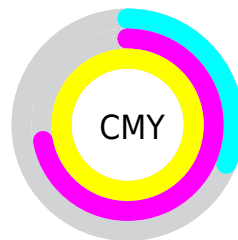


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.5890, 84.5000, -0.5560 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 94.5890, 84.5000, -0.5560 by changing the saturation by 10% instead.

94.5890, 84.5000,
-0.5560

94.5890, 84.5000,
-0.5560

253.9740, 2.8890,
-2.7990

70.9440, 73.4950,
6.1590

149.5620, 89.1300,
3.6420

45.2390, 62.7190,
14.2310

173.6430, 84.4080,
1.1120

25.4150, 50.6600,
18.0200

192.4560, 68.6370,
-4.9230

17.0430, 33.9720,
12.0840

211.8560, 52.5910,
-11.4810

7.8880, 15.1750,
5.8230

231.9570, 35.9490,
-18.2510

0.0000, 0.0000,
0.0000

247.4760, 21.1860,

-20.5260

■ 250.6680, 12.1980,
-11.8180

■ 94.5890, 84.5000,
-0.5560

■ 102.5110, 75.9720,
-0.1880

■ 110.9060, 67.4900,
-0.6540

■ 118.8280, 58.9620,
-0.2860

■ 126.6360, 50.7550,
-0.2290

■ 135.1450, 41.9520,
-0.3840

■ 142.9530, 33.7450,
-0.3270

■ 150.8750, 25.2170,
0.0410

■ 158.6830, 17.0100,
0.0980

■ 167.1920, 8.2070,
-0.0570

Harmonies

Analogous

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



88.8640, 86.7850, 40.6490



94.5890, 84.5000, -0.5560



98.1900, 54.1060, -22.4220

Triad

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



94.5890, 84.5000, -0.5560



84.8090, -63.8150, -38.4310



99.4070, -51.1730, 29.8430

Complementary

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



94.5890, 84.5000, -0.5560



80.4110, -84.5000, 0.5560

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.



91.5420, -100.6860, 7.5540



94.5890, 84.5000, -0.5560



92.0080, -82.7080, -20.9160

Square

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



94.5890, 84.5000, -0.5560



75.6210, -43.4550, -54.9990



94.9040, -96.3740, -4.5180



103.6030, 22.2730, 53.4170

Rectangle

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



94.5890, 84.5000, -0.5560



94.4810, 30.8170, -35.3830



94.9040, -96.3740, -4.5180



84.1560, -96.4230, 12.8970

Sweetspot

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



94.5890, 84.5000, -0.5560



195.7680, 32.8280, -0.2280



64.2950, 70.5950, 69.7550



95.5370, 20.3570, 0.0130



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



94.5890, 84.5000, -0.5560



122.4640, 109.7170, -0.5150



145.0710, 60.8500, -45.5340



83.0390, 4.2640, -0.1840



81.2440, 72.3500, -0.6260



12.1600, 11.2330, 0.1690

Inverse Universe

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



80.4110, -84.5000, 0.5560



104.5360, -109.7170, 0.5150



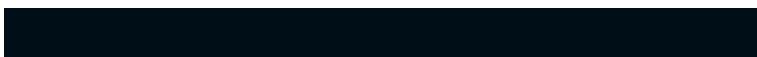
30.5160, -61.1250, 45.0110



81.9610, -4.2640, 0.1840



69.3430, -72.6250, 0.1030



10.8400, -11.2330, -0.1690

Previews

White Background



This preview shows how the YIQ color 94.5890, 84.5000, -0.5560 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



This preview shows how the YIQ color 94.5890, 84.5000, -0.5560 looks on a 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 94.5890, 84.5000, -0.5560

Background



This preview shows how black text looks on a background with the YIQ color 94.5890, 84.5000, -0.5560.



This preview shows how white text looks on a background with the YIQ color 94.5890, 84.5000, -0.5560.

-0.5560.

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

94.5890, 84.5000, -0.5560

Protanopia

98.8550, 35.9960, -24.6120

Deuteranopia

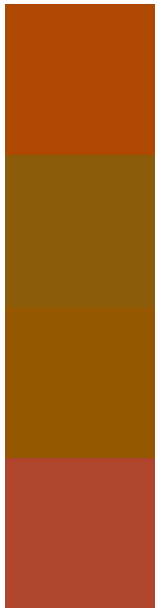
97.5810, 51.4470, -23.7930



Tritanopia

100.3460, 64.2760, 24.5640

Trichromacy



Original Color

94.5890, 84.5000, -0.5560

Protanomaly

97.4060, 53.7380, -15.7500

Deuteranomaly

96.4950, 63.7330, -15.1710

Tritanomaly

98.2570, 71.4760, 15.2200

Monochromacy



Original Color

94.5890, 84.5000, -0.5560

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9850, 30.7190, -0.5530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.5890, 84.5000, -0.5560 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(175, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(175, 72, 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(175, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 72, 0) }
```

Border

The CSS property to change the border of an element to YIQ 94.5890, 84.5000, -0.5560 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(175, 72, 0) }
```


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

```
.border{ border-color:rgb(175, 72, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 72, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 72, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 72, 0);  
box-shadow:4px 4px 4px 4px rgb(175, 72, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 94.5890, 84.5000, -0.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 72, 0) }
```

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

```
.background{ background-color: rgb(175, 72,  
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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