

Converting Colors

YIQ(94.4680, 68.3630, -10.9730)

Have a look what the booklet for
YIQ(94.4680, 68.3630, -10.9730)
contains.

YIQ(94.4680, 68.3630, -10.9730)	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(94.4680, 68.3630,
-10.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	995300
RGB	153, 83, 0
RGB Percent	60%, 33%, 0%
CMY	0.3999, 0.6746, 0.9996
CMYK	0.00, 0.46, 1.00, 0.40
HSL	33°, 100%, 30%
HSV	33°, 100%, 60%
XYZ	16.2339, 12.9573, 1.6479
YIQ	94.4680, 68.3630, -10.9730

Conversions

Conversions Part 2

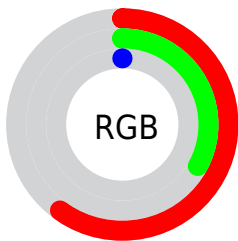
Format	Color
R_{YB}	129, 153, 0
Decimal	10048256
CIE Lab	42.70, 24.40, 51.73
CIE LCh	43, 57.201, 64.746
Yxy	12.9573, 0.5264, 0.4202
Android (android.graphics.Color)	4288238336 (0xFF995300)
YUV	94.4680, -46.5727, 51.3326
Hunter-Lab	35.9963, 17.5077, 22.4832

Details

The YIQ color **94.4680, 68.3630, -10.9730** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **58.5320, -68.3630, 10.9730**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.3700, 71.7550, -6.3650**, and **50.1240, 46.4450, 0.7890** is the 20% darker color. If you saturate the color by 10%, you get **94.4680, 68.3630, -10.9730**, and if you desaturate by 10%, it is **100.2870, 61.6230, -9.9690**.

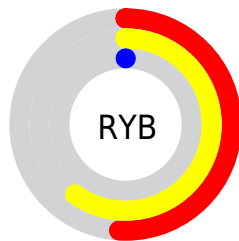
Distribution



Red (60%)

Green (33%)

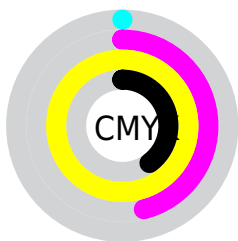
Blue (0%)



Red (51%)

Yellow (60%)

Blue (0%)

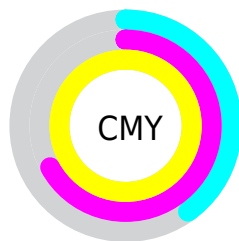


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.4680, 68.3630, -10.9730 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 94.4680, 68.3630, -10.9730 by changing the saturation by 10% instead.

94.4680, 68.3630,
-10.9730

94.4680, 68.3630,
-10.9730

254.0880, 2.5680,
-2.4880

71.7090, 57.6790,
-4.5690

148.3700, 71.7550,
-6.3650

50.1240, 46.4450,
0.7890

175.4520, 74.4600,
-5.8280

28.2510, 36.0820,
6.8820

198.4400, 65.5660,
-9.8420

12.8570, 25.6280,
9.1160

217.2530, 49.7950,
-15.8770

0.0000, 0.0000,
0.0000

237.3540, 33.1530,
-22.6470

247.5900, 20.8650,

-20.2150

■ 250.7820, 11.8770,
-11.5070

■ 94.4680, 68.3630,
-10.9730

■ 100.2870, 61.6230,
-9.9690

■ 106.2200, 54.5620,
-8.6540

■ 112.0390, 47.8220,
-7.6500

■ 117.8580, 41.0820,
-6.6460

■ 123.7910, 34.0210,
-5.3310

■ 129.6100, 27.2810,
-4.3270

■ 135.4290, 20.5410,
-3.3230

■ 141.3620, 13.4800,
-2.0080

■ 147.1810, 6.7400,
-1.0040

Harmonies

Analogous

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



94.7290, 73.2630, 21.3830



94.4680, 68.3630, -10.9730



93.6720, 40.7650, -28.4430

Triad

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



94.4680, 68.3630, -10.9730



83.8120, -67.8970, -30.5290



102.8920, -15.8700, 34.3220

Complementary

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



94.4680, 68.3630, -10.9730



58.5320, -68.3630, 10.9730

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.



83.3920, -91.5160, 6.5640



94.4680, 68.3630, -10.9730



88.5830, -82.7090, -15.3890

Square

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



94.4680, 68.3630, -10.9730



76.4650, -51.3430, -44.1990



89.2960, -91.6060, -2.8220



99.8460, 34.4700, 47.1260

Rectangle

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



94.4680, 68.3630, -10.9730



89.6860, 19.8140, -39.7220



89.2960, -91.6060, -2.8220



99.2420, -37.6470, 27.0010

Sweetspot

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



94.4680, 68.3630, -10.9730



176.3110, 26.6850, -4.5390



53.8410, 68.3970, 54.5170



85.6180, 15.6350, -2.5170



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



94.4680, 68.3630, -10.9730



122.8970, 88.9040, -14.2960



134.0630, 46.1330, -48.6430



73.7400, 3.6680, -0.3960



86.4720, 62.5400, -10.0680



7.9960, 5.8230, -0.9050

Inverse Universe

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



58.5320, -68.3630, 10.9730



76.1030, -88.9040, 14.2960



18.9370, -46.1330, 48.6430



71.6730, -3.3930, 0.9190



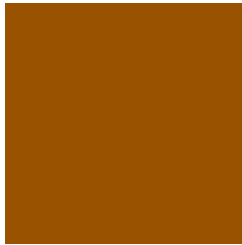
53.5280, -62.5400, 10.0680



5.0040, -5.8230, 0.9050

Previews

White Background



This preview shows how the YIQ color 94.4680, 68.3630, -10.9730 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 94.4680, 68.3630, -10.9730 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 94.4680, 68.3630, -10.9730

Background



This preview shows how black text looks on a background with the YIQ color 94.4680, 68.3630, -10.9730.



This preview shows how white text looks on a background with the YIQ color 94.4680, 68.3630,

-10.9730.

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

94.4680, 68.3630, -10.9730

Protanopia

95.4420, 35.7210, -25.1350

Deuteranopia

94.6240, 49.8880, -23.0720



Tritanopia

101.3050, 45.1580, 18.6140

Trichromacy



Original Color

94.4680, 68.3630, -10.9730

Protanomaly

94.9490, 47.5950, -20.0610

Deuteranomaly

94.3800, 56.6270, -18.5490

Tritanomaly

98.7600, 53.6420, 8.0260

Monochromacy



Original Color

94.4680, 68.3630, -10.9730

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0550, 24.5300, -4.0300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.4680, 68.3630, -10.9730 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(153, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 83, 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(153, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 83, 0) }
```

Border

The CSS property to change the border of an element to YIQ 94.4680, 68.3630, -10.9730 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(153, 83, 0) }
```


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

```
.border{ border-color:rgb(153, 83, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 83, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 83, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 94.4680, 68.3630, -10.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 83, 0) }
```

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

```
.background{ background-color: rgb(153, 83,  
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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