

Converting Colors

YIQ(98.7540, 44.6110, 0.9870)

Have a look what the booklet for
YIQ(98.7540, 44.6110, 0.9870)
contains.

YIQ(98.7540, 44.6110, 0.9870)	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(98.7540, 44.6110,
0.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5633
RGB	142, 86, 51
RGB Percent	56%, 34%, 20%
CMY	0.4430, 0.6628, 0.7998
CMYK	0.00, 0.39, 0.64, 0.44
HSL	23°, 47%, 38%
HSV	23°, 64%, 56%
XYZ	15.0848, 12.6446, 4.7836
YIQ	98.7540, 44.6110, 0.9870

Conversions

Conversions Part 2

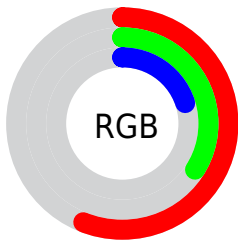
Format	Color
R_{YB}	142, 108, 51
Decimal	9328179
CIE Lab	42.22, 19.75, 29.81
CIE LCh	42, 35.761, 56.478
Yxy	12.6446, 0.4640, 0.3889
Android (android.graphics.Color)	4287518259 (0xFF8E5633)
YUV	98.7540, -23.5427, 37.9267
Hunter-Lab	35.5592, 13.4940, 16.9155

Details

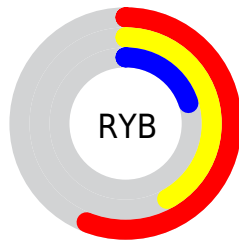
The YIQ color **98.7540, 44.6110, 0.9870** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **94.2460, -44.6110, -0.9870**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5050, 49.7460, 1.5380**, and **50.3620, 39.8430, -0.7090** is the 20% darker color. If you saturate the color by 10%, you get **91.8750, 51.5800, 1.3400**, and if you desaturate by 10%, it is **105.6330, 37.6420, 0.6340**.

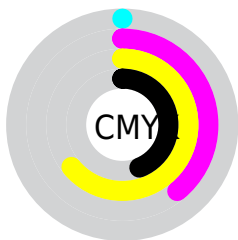
Distribution



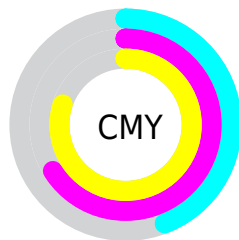
- Red (56%)
- Green (34%)
- Blue (20%)



- Red (56%)
- Yellow (42%)
- Blue (20%)



- Cyan (0%)
- Magenta (39%)
- Yellow (64%)
- Black (44%)



- Cyan (44%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.7540, 44.6110, 0.9870 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 98.7540, 44.6110, 0.9870 by changing the saturation by 10% instead.

■ 98.7540, 44.6110,
0.9870

■ 98.7540, 44.6110,
0.9870

■ 255.0000, -0.0000,
-0.0000

■ 73.7860, 41.5850,
0.7610

■ 150.6190, 49.4250,
1.8490

■ 50.3620, 39.8430,
-0.7090

■ 177.9890, 51.2590,
1.6510

■ 29.1040, 32.0020,
3.7300

■ 204.8750, 51.5800,
1.3400

■ 11.3620, 22.6480,
8.0560

■ 224.3890, 35.2130,
-4.9070

■ 0.0000, 0.0000,
0.0000

■ 243.9030, 18.8460,
-11.1540

■ 252.3780, 7.3830,

-7.1530

■ 98.7540, 44.6110,
0.9870

■ 98.7540, 44.6110,
0.9870

■ 91.8750, 51.5800,
1.3400

■ 105.6330, 37.6420,
0.6340

■ 84.9960, 58.5490,
1.6930

■ 111.9250, 30.9480,
0.8040

■ 78.5900, 65.5640,
1.2120

■ 118.9180, 23.6580,
0.7620

■ 74.7430, 69.5070,
1.3390

■ 125.7970, 16.6890,
0.4090

■ 132.6760, 9.7200,
0.0560

■ 138.9680, 3.0260,
0.2260

■ 145.8470, -3.9430,
-0.1270

■ 152.8400,
-11.2330, -0.1690

■ 159.7190,
-18.2020, -0.5220

Harmonies

Analogous

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



99.7950, 46.5340, 15.7020



98.7540, 44.6110, 0.9870



97.2650, 32.3260, -13.1620

Triad

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



98.7540, 44.6110, 0.9870



77.7480, -61.8450, -30.0770



100.6230, -17.1510, 18.9850

Complementary

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



98.7540, 44.6110, 0.9870



94.2460, -44.6110, -0.9870

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.



88.3290, -60.8420, 1.3180



98.7540, 44.6110, 0.9870



81.1680, -71.4750, -20.7470

Square

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



98.7540, 44.6110, 0.9870



88.8270, -19.5270, -26.0790



82.0290, -78.0330, -12.0250



103.0630, 14.0250, 26.6730

Rectangle

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



98.7540, 44.6110, 0.9870



95.2200, 19.0310, -20.0170



82.0290, -78.0330, -12.0250



98.3440, -29.6670, 14.5330

Sweetspot

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



98.7540, 44.6110, 0.9870



167.0960, 17.2850, 0.6210



84.5930, 36.2600, 36.7080



81.9750, 10.3160, 0.2680



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



98.7540, 44.6110, 0.9870



116.7430, 69.5070, 1.3390



125.1690, 32.2360, -22.5480



67.8540, 3.3470, -0.0850



70.8890, 66.1600, 1.4240



4.1530, 3.9430, 0.1270

Inverse Universe

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



94.2460, -44.6110, -0.9870



109.2570, -69.5070, -1.3390



67.8310, -32.2360, 22.5480



67.7330, -3.6220, -0.4380



64.1110, -66.1600, -1.4240



3.8470, -3.9430, -0.1270

Previews

White Background



This preview shows how the YIQ color 98.7540, 44.6110, 0.9870 looks on a white background.

Color Contrast Check

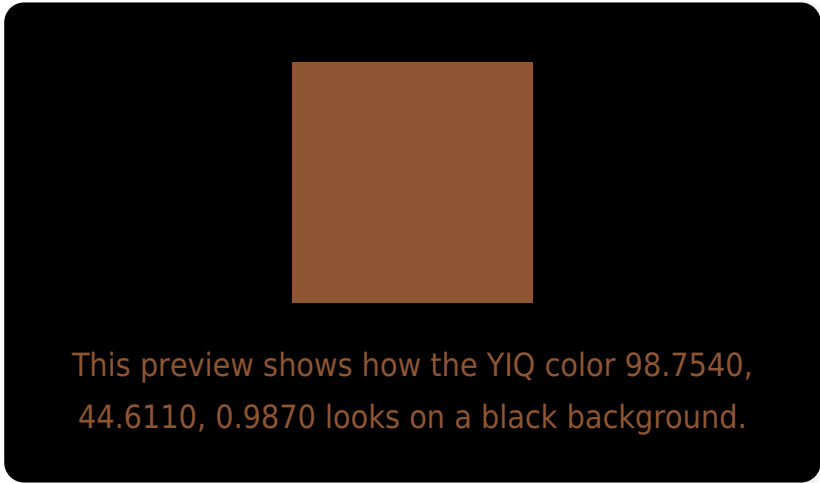
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.7540, 44.6110, 0.9870

Background



This preview shows how black text looks on a background with the YIQ color 98.7540, 44.6110, 0.9870.



This preview shows how white text looks on a background with the YIQ color 98.7540, 44.6110,

0.9870.

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

98.7540, 44.6110, 0.9870

Protanopia

97.9740, 20.0840, -11.5640

Deuteranopia

98.1280, 31.4540, -8.3700



Tritanopia

101.2220, 35.0260, 15.0100

Trichromacy



Original Color

98.7540, 44.6110, 0.9870

Protanomaly

98.3990, 29.2530, -7.0270

Deuteranomaly

98.5740, 36.1300, -5.0060

Tritanomaly

100.0280, 38.3280, 10.2320

Monochromacy



Original Color

98.7540, 44.6110, 0.9870

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.9110, 16.3680, 0.7200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.7540, 44.6110, 0.9870 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(142, 86, 51)` looks like.

```
.text, #text, p{  
    color:rgb(142, 86, 51)  
}
```

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(142, 86, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 86, 51) }
```

Border

The CSS property to change the border of an element to YIQ 98.7540, 44.6110, 0.9870 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(142, 86, 51) }
```


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

```
.border{ border-color:rgb(142, 86, 51) }
```

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

Here you see how a box with a 4 pixel rgb(142, 86, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 86, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 86, 51);  
box-shadow:4px 4px 4px 4px rgb(142, 86,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 98.7540, 44.6110, 0.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 86, 51) }
```

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

```
.background{ background-color: rgb(142, 86,  
51) }
```

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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