

Converting Colors

YIQ(98.3870, 38.6950, 9.0870)

Have a look what the booklet for
YIQ(98.3870, 38.6950, 9.0870)
contains.

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Color

**YIQ(98.3870, 38.6950,
9.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5247
RGB	141, 82, 71
RGB Percent	55%, 32%, 28%
CMY	0.4469, 0.6785, 0.7214
CMYK	0.00, 0.42, 0.50, 0.45
HSL	9°, 33%, 42%
HSV	9°, 50%, 55%
XYZ	15.1444, 12.1520, 7.5156
YIQ	98.3870, 38.6950, 9.0870

Conversions

Conversions Part 2

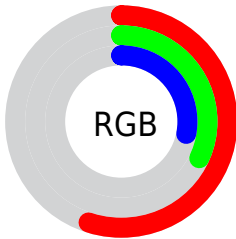
Format	Color
RYB	141, 84, 71
Decimal	9261639
CIELab	41.46, 23.41, 17.02
CIELCh	41, 28.942, 36.025
Yxy	12.1520, 0.4350, 0.3491
Android (android.graphics.Color)	4287451719 (0xFF8D5247)
YUV	98.3870, -13.5018, 37.3716
Hunter-Lab	34.8597, 16.5426, 11.6192

Details

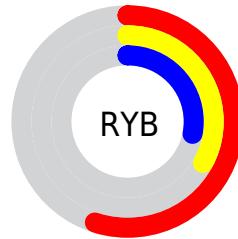
The YIQ color **98.3870, 38.6950, 9.0870** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **113.6130, -38.6950, -9.0870**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.9530, 42.9130, 9.7370**, and **50.5220, 33.8810, 8.2250** is the 20% darker color. If you saturate the color by 10%, you get **89.7470, 46.4890, 11.0090**, and if you desaturate by 10%, it is **107.0270, 30.9010, 7.1650**.

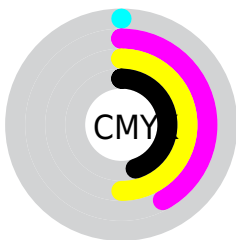
Distribution



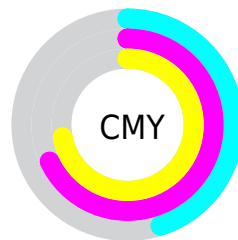
- Red (55%)
- Green (32%)
- Blue (28%)



- Red (55%)
- Yellow (33%)
- Blue (28%)



- Cyan (0%)
- Magenta (42%)
- Yellow (50%)
- Black (45%)



- Cyan (45%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.3870, 38.6950, 9.0870 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 98.3870, 38.6950, 9.0870 by changing the saturation by 10% instead.

■ 98.3870, 38.6950,
9.0870

■ 98.3870, 38.6950,
9.0870

■ 255.0000, -0.0000,
-0.0000

■ 73.7180, 36.2650,
9.0730

■ 150.0670, 42.5920,
10.0480

■ 49.9350, 34.1560,
8.7480

■ 177.4370, 44.4260,
9.8500

■ 26.3970, 32.7350,
6.9670

■ 205.0350, 45.6180,
10.2740

■ 11.9600, 23.8400,
8.4800

■ 224.5490, 29.2510,
4.0270

■ 0.0000, 0.0000,
0.0000

■ 244.1770, 12.5630,
-1.9090

■ 98.3870, 38.6950,
9.0870

■ 98.3870, 38.6950,
9.0870

■ 89.7470, 46.4890,
11.0090

■ 107.0270, 30.9010,
7.1650

■ 81.1070, 54.2830,
12.9310

■ 115.6670, 23.1070,
5.2430

■ 72.4670, 62.0770,
14.8530

■ 124.3070, 15.3130,
3.3210

■ 63.8270, 69.8710,
16.7750

■ 132.9470, 7.5190,
1.3990

■ 55.1870, 77.6650,
18.6970

■ 141.1140, -0.3210,
0.3110

■ 55.0730, 77.9860,
18.3860

■ 149.7540, -8.1150,
-1.6110

■ 158.3940,
-15.9090, -3.5330

■ 167.0340,

-23.7030, -5.4550

■ 175.6740,
-31.4970, -7.3770

Harmonies

Analogous

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



99.8460, 33.3290, 18.2330



98.3870, 38.6950, 9.0870



97.3720, 33.8830, -2.8290

Triad

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



98.3870, 38.6950, 9.0870



88.4230, -24.0210, -21.7250



95.2740, -32.6460, 7.9460

Complementary

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



98.3870, 38.6950, 9.0870



113.6130, -38.6950, -9.0870

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.



80.1010, -69.3680, -9.3680



98.3870, 38.6950, 9.0870



76.1980, -62.9920, -25.8080

Square

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



98.3870, 38.6950, 9.0870



93.0640, 1.9750, -19.2810



78.2330, -70.1000, -18.1320



100.0280, -5.2300, 17.6980

Rectangle

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



98.3870, 38.6950, 9.0870



96.1490, 26.9610, -9.5430



78.2330, -70.1000, -18.1320



91.9630, -42.1360, 3.7200

Sweetspot

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



98.3870, 38.6950, 9.0870



166.7200, 15.5880, 3.8440



98.7700, 22.4600, 33.5000



81.8440, 9.3070, 2.0350



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.



98.3870, 38.6950, 9.0870



116.7550, 61.2060, 14.1180



118.9320, 29.0700, -9.2180



66.6800, 3.8970, 0.9610



52.6920, 74.6850, 17.6370



2.9790, 4.4930, 1.1730

Inverse Universe

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



113.6130, -38.6950, -9.0870



140.2450, -61.2060, -14.1180



93.6550, -29.3450, 8.6950



68.3200, -3.8970, -0.9610



82.3080, -74.6850, -17.6370



4.4340, -4.2180, -0.6500

Previews

White Background



This preview shows how the YIQ color 98.3870, 38.6950, 9.0870 looks on a white background.

Color Contrast Check

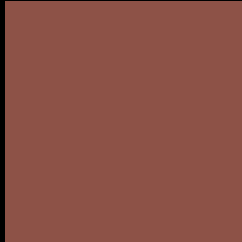
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.3870, 38.6950, 9.0870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

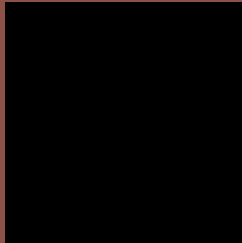
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.3870, 38.6950, 9.0870

Background



This preview shows how black text looks on a background with the YIQ color 98.3870, 38.6950, 9.0870.



This preview shows how white text looks on a background with the YIQ color 98.3870, 38.6950,

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

98.3870, 38.6950, 9.0870

Protanopia

97.5140, 9.9960, -4.9480

Deuteranopia

98.0270, 21.7330, -2.8990



Tritanopia

99.2220, 35.0260, 15.0100

Trichromacy



Original Color

98.3870, 38.6950, 9.0870

Protanomaly

97.5370, 20.3570, 0.0130

Deuteranomaly

98.4840, 27.8760, 1.4120

Tritanomaly

99.2390, 36.3560, 12.9320

Monochromacy



Original Color

98.3870, 38.6950, 9.0870

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.1220, 14.3960, 3.4200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.3870, 38.6950, 9.0870 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(141, 82, 71)` looks like.

```
.text, #text, p{  
    color:rgb(141, 82, 71)  
}
```

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(141, 82, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 82, 71) }
```

Border

The CSS property to change the border of an element to YIQ 98.3870, 38.6950, 9.0870 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(141, 82, 71) }
```


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

```
.border{ border-color:rgb(141, 82, 71) }
```

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

Here you see how a box with a 4 pixel rgb(141, 82, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 82, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 82, 71);  
box-shadow:4px 4px 4px 4px rgb(141, 82,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 98.3870, 38.6950, 9.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 82, 71) }
```

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

```
.background{ background-color: rgb(141, 82,  
71) }
```

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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