

Converting Colors

YIQ(96.8940, 41.4010, 4.0970)

Have a look what the booklet for
YIQ(96.8940, 41.4010, 4.0970)
contains.

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Color

**YIQ(96.8940, 41.4010,
4.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	8B533A
RGB	139, 83, 58
RGB Percent	55%, 33%, 23%
CMY	0.4548, 0.6746, 0.7724
CMYK	0.00, 0.40, 0.58, 0.45
HSL	18°, 41%, 39%
HSV	18°, 58%, 55%
XYZ	14.5088, 11.9804, 5.5570
YIQ	96.8940, 41.4010, 4.0970

Conversions

Conversions Part 2

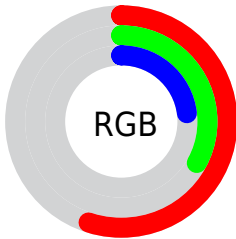
Format	Color
R _Y B	139, 94, 58
Decimal	9130810
CIE Lab	41.18, 20.73, 24.41
CIE LCh	41, 32.025, 49.656
Yxy	11.9804, 0.4527, 0.3738
Android (android.graphics.Color)	4287320890 (0xFF8B533A)
YUV	96.8940, -19.1747, 36.9270
Hunter-Lab	34.6127, 14.2507, 14.7101

Details

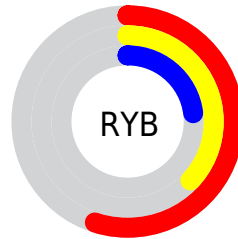
The YIQ color **96.8940, 41.4010, 4.0970** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **100.1060, -41.4010, -4.0970**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4600, 45.6190, 4.7470**, and **48.8440, 35.6700, 3.3340** is the 20% darker color. If you saturate the color by 10%, you get **89.4280, 48.6450, 4.9730**, and if you desaturate by 10%, it is **104.3600, 34.1570, 3.2210**.

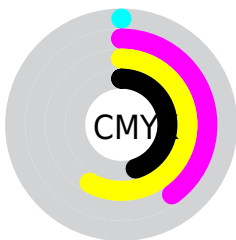
Distribution



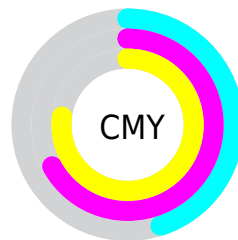
- Red (55%)
- Green (33%)
- Blue (23%)



- Red (55%)
- Yellow (37%)
- Blue (23%)



- Cyan (0%)
- Magenta (40%)
- Yellow (58%)
- Black (45%)




- Cyan (45%)
- Magenta (67%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.8940, 41.4010, 4.0970 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 96.8940, 41.4010, 4.0970 by changing the saturation by 10% instead.


 96.8940, 41.4010,
4.0970


 96.8940, 41.4010,
4.0970


255.0000, -0.0000,
-0.0000


 72.2250, 38.9710,
4.0830


 148.4600, 45.6190,
4.7470


 48.8440, 35.6700,
3.3340


 175.2430, 47.7280,
5.0720


 26.7450, 31.6350,
4.8750

 203.0260, 49.8370,
5.3970

 11.0630, 22.0520,
7.8440

 222.8390, 34.0660,
-0.6380

 0.0000, 0.0000,
0.0000

 243.0540, 17.1030,
-7.0970

 253.2900, 4.8150,

-4.6650

■ 96.8940, 41.4010,
4.0970

■ 96.8940, 41.4010,
4.0970

■ 89.4280, 48.6450,
4.9730

■ 104.3600, 34.1570,
3.2210

■ 82.5490, 55.6140,
5.3260

■ 111.2390, 27.1880,
2.8680

■ 75.0830, 62.8580,
6.2020

■ 118.7050, 19.9440,
1.9920

■ 67.6170, 70.1020,
7.0780

■ 125.5840, 12.9750,
1.6390

■ 66.8020, 71.0190,
6.9790

■ 133.0500, 5.7310,
0.7630

■ 140.4020, -1.1920,
-0.4240

■ 147.2810, -8.1610,
-0.7770

■ 154.7470,
-15.4050, -1.6530

■ 162.2130,
-22.6490, -2.5290

Harmonies

Analogous

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



97.7990, 40.7110, 16.6070



96.8940, 41.4010, 4.0970



95.3130, 32.3710, -8.4690

Triad

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



96.8940, 41.4010, 4.0970



80.1690, -46.8530, -26.4450



97.3510, -22.3770, 14.5750

Complementary

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



96.8940, 41.4010, 4.0970



100.1060, -41.4010, -4.0970

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.



85.1070, -60.3370, -2.3290



96.8940, 41.4010, 4.0970



78.1530, -67.1190, -22.5990

Square

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



96.8940, 41.4010, 4.0970



89.6110, -9.9910, -22.6870



78.9000, -73.3560, -14.1880



100.4210, 6.9650, 22.4610

Rectangle

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



96.8940, 41.4010, 4.0970



93.9370, 21.5060, -15.3100



78.9000, -73.3560, -14.1880



94.5560, -33.3800, 10.2360

Sweetspot

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



96.8940, 41.4010, 4.0970



165.1390, 15.7260, 1.3420



88.7170, 29.9790, 34.8990



82.2030, 9.6740, 0.8900



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.



96.8940, 41.4010, 4.0970



114.8660, 64.9670, 6.5270



120.3740, 30.4010, -16.8230



65.2670, 3.6220, 0.4380



63.8340, 67.9930, 6.7530



2.6690, 2.4300, 0.0140

Inverse Universe

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



100.1060, -41.4010, -4.0970



120.1340, -64.9670, -6.5270



76.6260, -30.4010, 16.8230



65.7330, -3.6220, -0.4380



69.1660, -67.9930, -6.7530



2.9180, -2.7050, -0.5370

Previews

White Background



This preview shows how the YIQ color 96.8940, 41.4010, 4.0970 looks on a white background.

Color Contrast Check

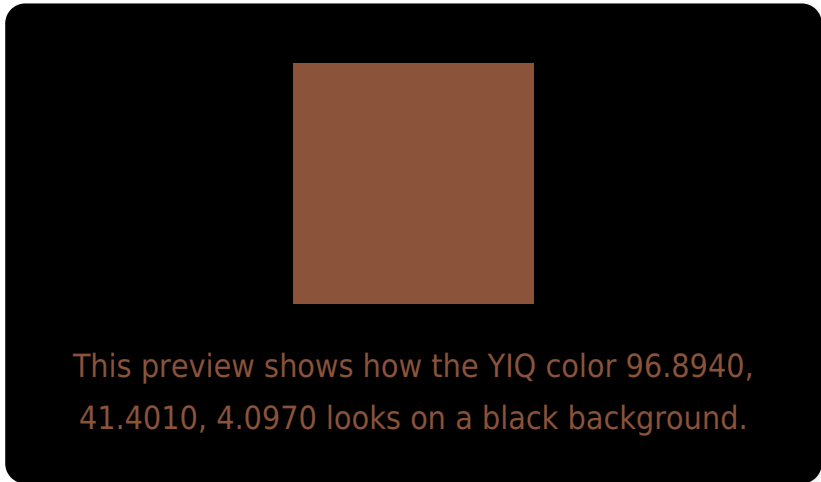
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.8940, 41.4010, 4.0970

Background



This preview shows how black text looks on a background with the YIQ color 96.8940, 41.4010, 4.0970.



This preview shows how white text looks on a background with the YIQ color 96.8940, 41.4010,

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

96.8940, 41.4010, 4.0970

Protanopia

96.5160, 15.6820, -8.8780

Deuteranopia

96.5560, 27.3730, -5.9950



Tritanopia

98.2220, 35.0260, 15.0100

Trichromacy



Original Color

96.8940, 41.4010, 4.0970

Protanomaly

96.9410, 24.8510, -4.3410

Deuteranomaly

96.4150, 32.3240, -2.1080

Tritanomaly

97.3700, 37.3650, 11.1650

Monochromacy



Original Color

96.8940, 41.4010, 4.0970

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.9540, 14.8090, 1.4410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.8940, 41.4010, 4.0970 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(139, 83, 58)` looks like.

```
.text, #text, p{  
    color:rgb(139, 83, 58)  
}
```

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(139, 83, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 83, 58) }
```

Border

The CSS property to change the border of an element to YIQ 96.8940, 41.4010, 4.0970 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(139, 83, 58) }
```


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

```
.border{ border-color:rgb(139, 83, 58) }
```

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

Here you see how a box with a 4 pixel rgb(139, 83, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 83, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 83, 58);  
box-shadow:4px 4px 4px 4px rgb(139, 83,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 96.8940, 41.4010, 4.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 83, 58) }
```

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

```
.background{ background-color: rgb(139, 83,  
58) }
```

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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