

Converting Colors

YIQ(97.8180, 21.3640, 9.3000)

Have a look what the booklet for
YIQ(97.8180, 21.3640, 9.3000)
contains.

YIQ(97.8180, 21.3640, 9.3000)	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(97.8180, 21.3640,
9.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	7C565A
RGB	124, 86, 90
RGB Percent	49%, 34%, 35%
CMY	0.5136, 0.6628, 0.6470
CMYK	0.00, 0.31, 0.27, 0.51
HSL	354°, 18%, 41%
HSV	354°, 31%, 49%
XYZ	13.4885, 11.6784, 11.2207
YIQ	97.8180, 21.3640, 9.3000

Conversions

Conversions Part 2

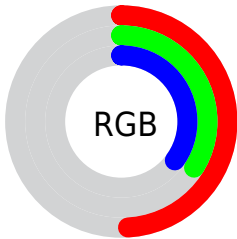
Format	Color
RYB	124, 86, 90
Decimal	8148570
CIELab	40.70, 16.40, 3.99
CIELCh	41, 16.883, 13.678
Yxy	11.6784, 0.3707, 0.3209
Android (android.graphics.Color)	4286338650 (0xFF7C565A)
YUV	97.8180, -3.8543, 22.9616
Hunter-Lab	34.1737, 10.6505, 4.4540

Details

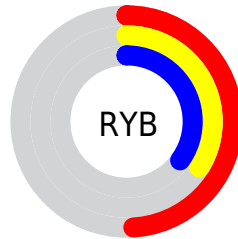
The YIQ color **97.8180, 21.3640, 9.3000** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **112.1820, -21.3640, -9.3000**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.7150, 23.1520, 9.9360**, and **50.7360, 18.6590, 8.7630** is the 20% darker color. If you saturate the color by 10%, you get **89.5200, 28.1950, 12.1550**, and if you desaturate by 10%, it is **106.1160, 14.5330, 6.4450**.

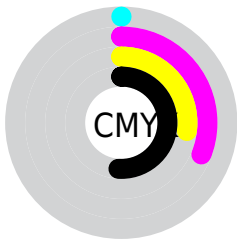
Distribution



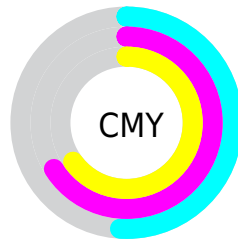
- Red (49%)
- Green (34%)
- Blue (35%)



- Red (49%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (31%)
- Yellow (27%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.8180, 21.3640, 9.3000 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 97.8180, 21.3640, 9.3000 by changing the saturation by 10% instead.

■ 97.8180, 21.3640,
9.3000

■ 97.8180, 21.3640,
9.3000

■ 255.0000, -0.0000,
-0.0000

■ 73.6330, 20.4470,
9.3990

■ 148.7150, 23.1520,
9.9360

■ 50.7360, 18.6590,
8.7630

■ 175.3130, 24.3440,
10.3600

■ 28.8390, 16.8710,
8.1270

■ 203.4980, 25.2610,
10.2610

■ 9.5680, 19.0720,
6.7840

■ 228.8180, 21.3640,
9.3000

■ 0.0000, 0.0000,
0.0000

■ 249.1470, 4.0800,
3.1520

■ 97.8180, 21.3640,
9.3000

■ 97.8180, 21.3640,
9.3000

■ 89.5200, 28.1950,
12.1550

■ 106.1160, 14.5330,
6.4450

■ 80.6350, 35.3010,
15.5330

■ 115.0010, 7.4270,
3.0670

■ 72.3370, 42.1320,
18.3880

■ 123.2990, 0.5960,
0.2120

■ 63.4520, 49.2380,
21.7660

■ 132.1840, -6.5100,
-3.1660

■ 55.1540, 56.0690,
24.6210

■ 140.4820,
-13.3410, -6.0210

■ 46.7420, 63.2210,
27.1650

■ 148.8940,
-20.4930, -8.5650

■ 38.5580, 69.7310,
30.3310

■ 157.7790,
-27.5990, -11.9430

■ 166.0770,

-34.4300, -14.7980

■ 174.9620,
-41.5360, -18.1760

Harmonies

Analogous

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



98.5060, 13.6150, 12.0710



97.8180, 21.3640, 9.3000



96.9120, 23.7950, 3.7870

Triad

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



97.8180, 21.3640, 9.3000



93.0670, -2.1070, -11.3790



92.6520, -25.2630, 0.7930

Complementary

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



97.8180, 21.3640, 9.3000



112.1820, -21.3640, -9.3000

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.



89.7280, -31.5890, -5.7090



97.8180, 21.3640, 9.3000



91.1240, -15.4490, -11.8730

Square

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



97.8180, 21.3640, 9.3000



94.7050, 10.7760, -8.0720



89.7190, -27.3700, -10.5860



96.0990, -13.1600, 7.2240

Rectangle

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



97.8180, 21.3640, 9.3000



96.3090, 20.9990, -0.6090



89.7190, -27.3700, -10.5860



92.1030, -28.1510, -1.9350

Sweetspot

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



97.8180, 21.3640, 9.3000



150.7130, 8.2980, 3.8020



100.4980, 8.0660, 19.0260



75.8050, 5.0430, 2.2190



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



97.8180, 21.3640, 9.3000



119.7380, 33.5130, 14.8970



106.1670, 18.5230, 0.2110



56.9080, 3.2550, 1.5830



38.8570, 70.3270, 30.5430



78.4260, 141.5250, 61.8210

Inverse Universe

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



97.8180, 21.3640, 9.3000



119.7380, 33.5130, 14.8970



103.8330, -18.5230, -0.2110



56.9080, 3.2550, 1.5830



38.8570, 70.3270, 30.5430



78.4260, 141.5250, 61.8210

Previews

White Background



This preview shows how the YIQ color 97.8180, 21.3640, 9.3000 looks on a white background.

Color Contrast Check

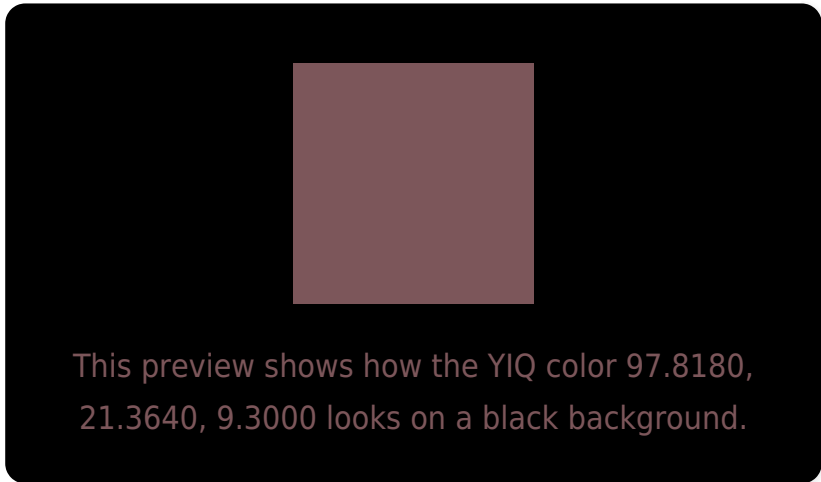
Large Text (above 18pt) WCAG AA ✓ Pass

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

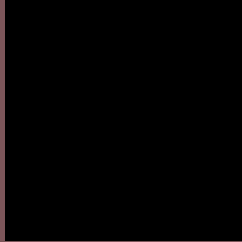
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.8180, 21.3640, 9.3000

Background



This preview shows how black text looks on a background with the YIQ color 97.8180, 21.3640, 9.3000.



This preview shows how white text looks on a background with the YIQ color 97.8180, 21.3640,

9.3000.

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

97.8180, 21.3640, 9.3000

Protanopia

96.4840, 1.5130, 0.1130

Deuteranopia

97.0290, 10.2240, 1.9360



Tritanopia

98.0460, 20.7220, 9.9220

Trichromacy



Original Color

97.8180, 21.3640, 9.3000

Protanomaly

96.5990, 8.6190, 3.4910

Deuteranomaly

97.0620, 14.6250, 4.7770

Tritanomaly

97.9320, 21.0430, 9.6110

Monochromacy



Original Color

97.8180, 21.3640, 9.3000

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.0010, 7.4270, 3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.8180, 21.3640, 9.3000 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(124, 86, 90)` looks like.

```
.text, #text, p{  
    color:rgb(124, 86, 90)  
}
```

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(124, 86, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 86, 90) }
```

Border

The CSS property to change the border of an element to YIQ 97.8180, 21.3640, 9.3000 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(124, 86, 90) }
```


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

```
.border{ border-color:rgb(124, 86, 90) }
```

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

Here you see how a box with a 4 pixel rgb(124, 86, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 86, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 86, 90);  
box-shadow:4px 4px 4px 4px rgb(124, 86,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 97.8180, 21.3640, 9.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 86, 90) }
```

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

```
.background{ background-color: rgb(124, 86,  
90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor