

Converting Colors

YIQ(90.0850, 24.9860, 9.7380)

Have a look what the booklet for
YIQ(90.0850, 24.9860, 9.7380)
contains.

YIQ(90.0850, 24.9860, 9.7380)	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(90.0850, 24.9860,
9.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	784D4F
RGB	120, 77, 79
RGB Percent	47%, 30%, 31%
CMY	0.5293, 0.6981, 0.6901
CMYK	0.00, 0.36, 0.34, 0.53
HSL	357°, 22%, 39%
HSV	357°, 36%, 47%
XYZ	11.8142, 9.8651, 8.6834
YIQ	90.0850, 24.9860, 9.7380

Conversions

Conversions Part 2

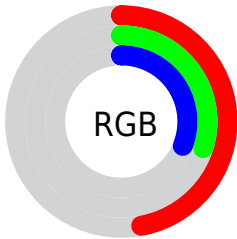
Format	Color
R_{YB}	120, 77, 79
Decimal	7884111
CIE Lab	37.60, 18.50, 6.33
CIE LCh	38, 19.552, 18.875
Yxy	9.8651, 0.3891, 0.3249
Android (android.graphics.Color)	4286074191 (0xFF784D4F)
YUV	90.0850, -5.4649, 26.2355
Hunter-Lab	31.4087, 12.1765, 5.5946

Details

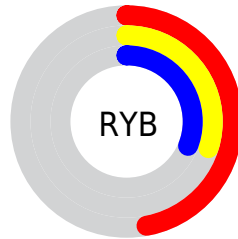
The YIQ color **90.0850, 24.9860, 9.7380** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106.9150, -24.9860, -9.7380**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.5800, 27.9660, 10.7980**, and **43.7040, 21.6850, 8.9890** is the 20% darker color. If you saturate the color by 10%, you get **81.7870, 31.8170, 12.5930**, and if you desaturate by 10%, it is **98.3830, 18.1550, 6.8830**.

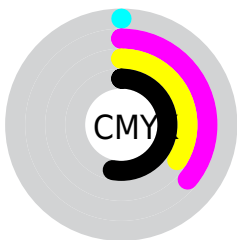
Distribution



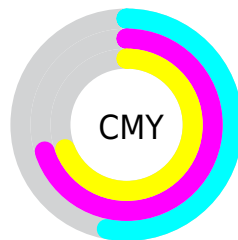
- Red (47%)
- Green (30%)
- Blue (31%)



- Red (47%)
- Yellow (30%)
- Blue (31%)



- Cyan (0%)
- Magenta (36%)
- Yellow (34%)
- Black (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.0850, 24.9860, 9.7380 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 90.0850, 24.9860, 9.7380 by changing the saturation by 10% instead.

■ 90.0850, 24.9860,
9.7380

■ 90.0850, 24.9860,
9.7380

255.0000, -0.0000,
-0.0000

■ 66.1880, 23.1980,
9.1020

■ 140.5800, 27.9660,
10.7980

■ 43.7040, 21.6850,
8.9890

■ 167.4660, 28.2870,
10.4870

■ 21.1060, 20.4930,
8.5650

■ 194.4770, 29.7540,
11.4340

■ 5.6810, 11.3240,
4.0280

■ 221.4660, 28.2870,
10.4870

■ 0.0000, 0.0000,
0.0000

■ 241.2080, 11.2780,
4.8620

90.0850, 24.9860,
9.7380

90.0850, 24.9860,
9.7380

81.7870, 31.8170,
12.5930

98.3830, 18.1550,
6.8830

73.3750, 38.9690,
15.1370

106.7950, 11.0030,
4.3390

65.0770, 45.8000,
17.9920

115.0930, 4.1720,
1.4840

56.6650, 52.9520,
20.5360

123.5050, -2.9800,
-1.0600

48.3670, 59.7830,
23.3910

131.8030, -9.8110,
-3.9150

39.9550, 66.9350,
25.9350

140.2150,
-16.9630, -6.4590

36.5640, 69.5940,
27.3060

148.5130,
-23.7940, -9.3140

156.8110,

-30.6250, -12.1690

■ 165.2230,
-37.7770, -14.7130

Harmonies

Analogous

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



90.7130, 17.4660, 13.8660



90.0850, 24.9860, 9.7380



89.0540, 26.2710, 2.9670

Triad

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



90.0850, 24.9860, 9.7380



84.6320, -5.3160, -13.7960



85.2110, -28.3350, 1.4010

Complementary

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



90.0850, 24.9860, 9.7380



106.9150, -24.9860, -9.7380

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.



80.4930, -38.2370, -6.3730



90.0850, 24.9860, 9.7380



82.1340, -21.4090, -13.9930

Square

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



90.0850, 24.9860, 9.7380



86.6400, 9.4010, -10.6870



79.4730, -35.4850, -12.1970



89.0390, -12.9310, 8.5810

Rectangle

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



90.0850, 24.9860, 9.7380



88.6250, 22.9250, -2.4750



79.4730, -35.4850, -12.1970



83.2920, -33.0570, -1.1290

Sweetspot

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



90.0850, 24.9860, 9.7380



143.4960, 10.4070, 4.1270



94.1610, 10.6330, 22.0650



71.9900, 5.9600, 2.1200



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



90.0850, 24.9860, 9.7380



109.3750, 38.9690, 15.1370



101.0100, 20.4030, -0.8210



56.7940, 3.5760, 1.2720



38.0590, 72.5740, 28.3660



76.7160, 146.3400, 57.1560

Inverse Universe

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



90.0850, 24.9860, 9.7380



109.3750, 38.9690, 15.1370



95.9900, -20.4030, 0.8210



56.7940, 3.5760, 1.2720



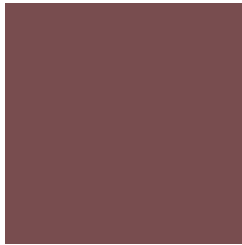
38.0590, 72.5740, 28.3660



76.7160, 146.3400, 57.1560

Previews

White Background



This preview shows how the YIQ color 90.0850, 24.9860, 9.7380 looks on a white background.

Color Contrast Check

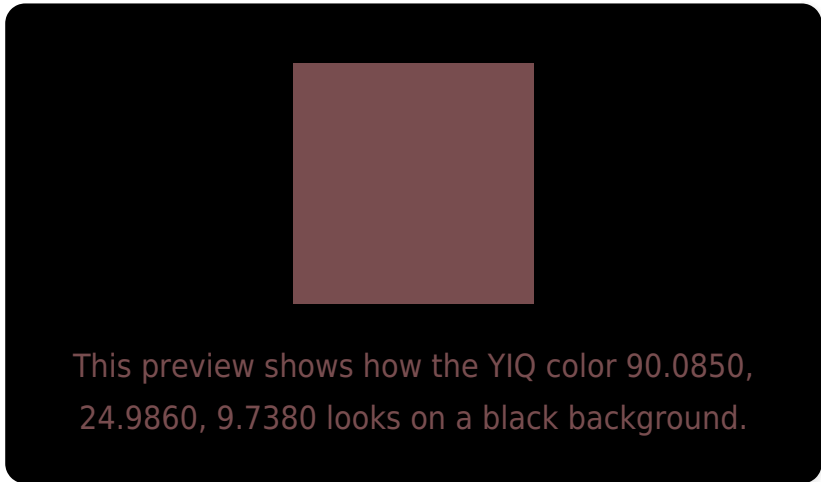
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 90.0850, 24.9860, 9.7380

Background



This preview shows how black text looks on a background with the YIQ color 90.0850, 24.9860, 9.7380.



This preview shows how white text looks on a background with the YIQ color 90.0850, 24.9860,

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

90.0850, 24.9860, 9.7380

Protanopia

88.5550, 2.7510, -0.2970

Deuteranopia

89.7580, 12.4250, 0.5930



Tritanopia

89.8400, 24.2980, 11.1940

Trichromacy



Original Color

90.0850, 24.9860, 9.7380

Protanomaly

89.2680, 11.0490, 3.5050

Deuteranomaly

90.2040, 17.1010, 3.9570

Tritanomaly

89.7260, 24.6190, 10.8830

Monochromacy



Original Color

90.0850, 24.9860, 9.7380

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

89.8980, 9.2150, 3.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.0850, 24.9860, 9.7380 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(120, 77, 79)` looks like.

```
.text, #text, p{  
    color:rgb(120, 77, 79)  
}
```

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(120, 77, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 77, 79) }
```

Border

The CSS property to change the border of an element to YIQ 90.0850, 24.9860, 9.7380 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(120, 77, 79) }
```


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

```
.border{ border-color:rgb(120, 77, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 77, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 77, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 77, 79);  
box-shadow:4px 4px 4px 4px rgb(120, 77,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 90.0850, 24.9860, 9.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 77, 79) }
```

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

```
.background{ background-color: rgb(120, 77,  
79) }
```

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