

Converting Colors

YIQ(88.8500, 18.3380, 9.0740)

Have a look what the booklet for
YIQ(88.8500, 18.3380, 9.0740)
contains.

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Color

**YIQ(88.8500, 18.3380,
9.0740)**

Conversions

Conversions Part 1

Format	Color
Hex	704E54
RGB	112, 78, 84
RGB Percent	44%, 31%, 33%
CMY	0.5607, 0.6942, 0.6705
CMYK	0.00, 0.30, 0.25, 0.56
HSL	349°, 18%, 37%
HSV	349°, 30%, 44%
XYZ	11.0091, 9.5333, 9.6509
YIQ	88.8500, 18.3380, 9.0740

Conversions

Conversions Part 2

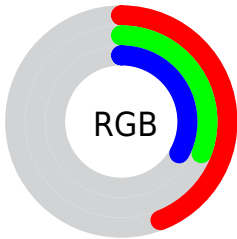
Format	Color
R_{YB}	112, 78, 84
Decimal	7360084
CIE _{Lab}	36.99, 15.32, 2.19
CIE _{LCh}	37, 15.474, 8.142
Yxy	9.5333, 0.3646, 0.3157
Android (android.graphics.Color)	4285550164 (0xFF704E54)
YUV	88.8500, -2.3910, 20.3026
Hunter-Lab	30.8760, 9.6128, 3.0809

Details

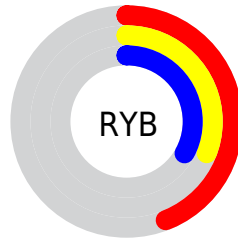
The YIQ color **88.8500, 18.3380, 9.0740** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **101.1500, -18.3380, -9.0740**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.7470, 20.1260, 9.7100**, and **42.6540, 15.9540, 8.2260** is the 20% darker color. If you saturate the color by 10%, you get **81.3670, 24.2520, 12.0280**, and if you desaturate by 10%, it is **96.3330, 12.4240, 6.1200**.

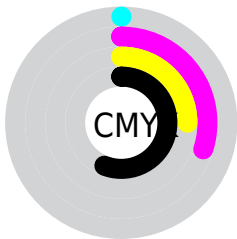
Distribution



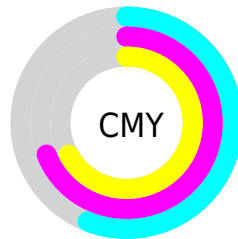
- Red (44%)
- Green (31%)
- Blue (33%)



- Red (44%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (56%)



- Cyan (56%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.8500, 18.3380, 9.0740 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 88.8500, 18.3380, 9.0740 by changing the saturation by 10% instead.

88.8500, 18.3380,
9.0740

88.8500, 18.3380,
9.0740

255.0000, -0.0000,
-0.0000

65.2520, 17.1460,
8.6500

138.7470, 20.1260,
9.7100

42.6540, 15.9540,
8.2260

165.4590, 20.9970,
10.4450

21.1700, 14.4410,
8.1130

192.7580, 21.5930,
10.6570

1.7940, 3.5760,
1.2720

220.9430, 22.5100,
10.5580

0.0000, 0.0000,
0.0000

242.4790, 9.0770,
6.2050

■ 88.8500, 18.3380,
9.0740

■ 88.8500, 18.3380,
9.0740

■ 81.3670, 24.2520,
12.0280

■ 96.3330, 12.4240,
6.1200

■ 73.8840, 30.1660,
14.9820

■ 103.8160, 6.5100,
3.1660

■ 65.7000, 36.6760,
18.1480

■ 112.0000, -0.0000,
0.0000

■ 58.2170, 42.5900,
21.1020

■ 119.4830, -5.9140,
-2.9540

■ 50.7340, 48.5040,
24.0560

■ 126.9660,
-11.8280, -5.9080

■ 43.2510, 54.4180,
27.0100


■ 134.4490,
-17.7420, -8.8620

■ 35.7680, 60.3320,
29.9640

■ 142.0460,
-23.9770, -11.5050

■ 150.1160,

-30.1660, -14.9820

 157.5990,
-36.0800, -17.9360

Harmonies

Analogous

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



89.1250, 10.3140, 11.3220



88.8500, 18.3380, 9.0740



88.3570, 21.0440, 4.0840

Triad

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



88.8500, 18.3380, 9.0740



84.6760, 0.5520, -10.0080



83.8970, -24.5750, -0.6630

Complementary

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



88.8500, 18.3380, 9.0740



101.1500, -18.3380, -9.0740

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.



81.4680, -27.9210, -6.1050



88.8500, 18.3380, 9.0740



82.8040, -11.5520, -10.9120

Square

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



88.8500, 18.3380, 9.0740



85.9440, 11.6010, -6.5030



81.5840, -22.5560, -9.7240



86.4470, -14.2600, 5.1320

Rectangle

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



88.8500, 18.3380, 9.0740



87.6510, 20.0360, 0.3240



81.5840, -22.5560, -9.7240



83.0600, -26.5920, -2.6560

Sweetspot

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



88.8500, 18.3380, 9.0740



136.2290, 6.7850, 3.6890



90.2480, 5.7740, 16.5100



68.5060, 4.4470, 2.0070



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



88.8500, 18.3380, 9.0740



109.5740, 28.1030, 13.8230



94.6230, 17.2390, 1.4550



51.9080, 3.2550, 1.5830



38.2740, 64.7790, 31.9710



78.8690, 133.0880, 66.0480

Inverse Universe

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



88.8500, 18.3380, 9.0740



109.5740, 28.1030, 13.8230



95.3770, -17.2390, -1.4550



51.9080, 3.2550, 1.5830



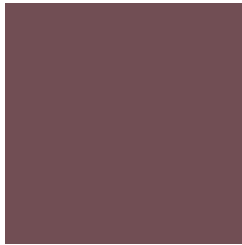
38.2740, 64.7790, 31.9710



78.8690, 133.0880, 66.0480

Previews

White Background



This preview shows how the YIQ color 88.8500, 18.3380, 9.0740 looks on a white background.

Color Contrast Check

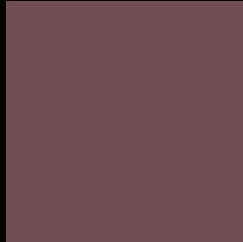
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 88.8500, 18.3380, 9.0740 looks on a 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 88.8500, 18.3380, 9.0740

Background



This preview shows how black text looks on a background with the YIQ color 88.8500, 18.3380, 9.0740.



This preview shows how white text looks on a background with the YIQ color 88.8500, 18.3380,

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

88.8500, 18.3380, 9.0740

Protanopia

87.5270, -0.0460, 0.8340

Deuteranopia

87.7730, 8.0690, 2.4450



Tritanopia

88.8500, 18.3380, 9.0740

Trichromacy



Original Color

88.8500, 18.3380, 9.0740

Protanomaly

88.2290, 6.7850, 3.6890

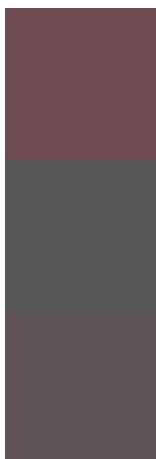
Deuteranomaly

88.0940, 11.5990, 4.5510

Tritanomaly

88.8500, 18.3380, 9.0740

Monochromacy



Original Color

88.8500, 18.3380, 9.0740

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.8160, 6.5100, 3.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.8500, 18.3380, 9.0740 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(112, 78, 84)` looks like.

```
.text, #text, p{  
    color:rgb(112, 78, 84)  
}
```

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(112, 78, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 78, 84) }
```

Border

The CSS property to change the border of an element to YIQ 88.8500, 18.3380, 9.0740 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(112, 78, 84) }
```


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

```
.border{ border-color:rgb(112, 78, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 78, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 78, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 78, 84);  
box-shadow:4px 4px 4px 4px rgb(112, 78,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 88.8500, 18.3380, 9.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 78, 84) }
```

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

```
.background{ background-color: rgb(112, 78,  
84) }
```

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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