

Converting Colors

YIQ(107.2380, 28.9290, 9.8650)

Have a look what the booklet for
YIQ(107.2380, 28.9290, 9.8650)
contains.

YIQ(107.2380, 28.9290, 9.8650)	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(107.2380, 28.9290,
9.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5D5C
RGB	141, 93, 92
RGB Percent	55%, 36%, 36%
CMY	0.4469, 0.6354, 0.6391
CMYK	0.00, 0.34, 0.35, 0.45
HSL	1°, 21%, 46%
HSV	1°, 35%, 55%
XYZ	16.8351, 14.2636, 11.9978
YIQ	107.2380, 28.9290, 9.8650

Conversions

Conversions Part 2

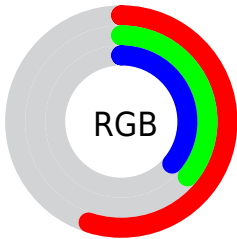
Format	Color
R_{YB}	141, 93, 92
Decimal	9264476
CIE Lab	44.61, 19.55, 8.61
CIE LCh	45, 21.368, 23.774
Yxy	14.2636, 0.3906, 0.3310
Android (android.graphics.Color)	4287454556 (0xFF8D5D5C)
YUV	107.2380, -7.5123, 29.6093
Hunter-Lab	37.7672, 13.4752, 7.6019

Details

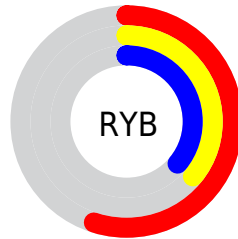
The YIQ color **107.2380, 28.9290, 9.8650** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125.7620, -28.9290, -9.8650**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3200, 31.6340, 10.4020**, and **58.8570, 25.6280, 9.1160** is the 20% darker color. If you saturate the color by 10%, you get **97.4240, 37.2730, 12.8330**, and if you desaturate by 10%, it is **117.0520, 20.5850, 6.8970**.

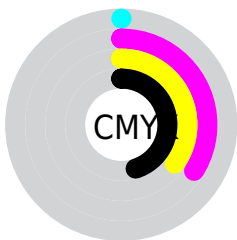
Distribution



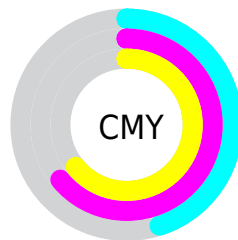
- Red (55%)
- Green (36%)
- Blue (36%)



- Red (55%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (34%)
- Yellow (35%)
- Black (45%)



- Cyan (45%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.2380, 28.9290, 9.8650 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 107.2380, 28.9290, 9.8650 by changing the saturation by 10% instead.

■ 107.2380, 28.9290,
9.8650

■ 107.2380, 28.9290,
9.8650

255.0000, -0.0000,
-0.0000

■ 82.7540, 27.4160,
9.7520

■ 159.3200, 31.6340,
10.4020

■ 58.8570, 25.6280,
9.1160

■ 186.0320, 32.5050,
11.1370

■ 36.1880, 23.1980,
9.1020

■ 214.5160, 34.0180,
11.2500

■ 13.1450, 24.7570,
8.3810

■ 234.4430, 17.9260,
5.5260

■ 0.0000, 0.0000,
0.0000

254.6580, 0.9630,
-0.9330

■ 107.2380, 28.9290,
9.8650

■ 107.2380, 28.9290,
9.8650

■ 97.4240, 37.2730,
12.8330

■ 117.0520, 20.5850,
6.8970

■ 87.6100, 45.6170,
15.8010

■ 126.8660, 12.2410,
3.9290

■ 77.7960, 53.9610,
18.7690

■ 136.0930, 4.1720,
1.4840

■ 68.5690, 62.0300,
21.2140

■ 145.9070, -4.1720,
-1.4840

■ 58.7550, 70.3740,
24.1820

■ 155.8350,
-12.8370, -4.1410

■ 48.8270, 79.0390,
26.8390

■ 165.6490,
-21.1810, -7.1090

■ 43.9200, 83.2110,
28.3230

■ 175.4630,
-29.5250, -10.0770

■ 185.2770,

-37.8690, -13.0450

■ 194.5040,
-45.9380, -15.4900

Harmonies

Analogous

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



108.3930, 21.3630, 14.8270



107.2380, 28.9290, 9.8650



106.0820, 29.0680, 1.8360

Triad

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



107.2380, 28.9290, 9.8650



100.7240, -8.5710, -15.3790



102.3790, -28.7480, 3.3800

Complementary

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



107.2380, 28.9290, 9.8650



125.7620, -28.9290, -9.8650

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.



97.7530, -41.9050, -5.9770



107.2380, 28.9290, 9.8650



97.8560, -26.4980, -15.3780

Square

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



107.2380, 28.9290, 9.8650



103.1020, 7.9800, -12.4680



95.7220, -40.6200, -12.7480



106.4030, -10.9600, 11.4080

Rectangle

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



107.2380, 28.9290, 9.8650



105.4680, 24.8050, -3.5070



95.7220, -40.6200, -12.7480



100.7480, -34.3410, 0.1150

Sweetspot

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



107.2380, 28.9290, 9.8650



171.2680, 11.0490, 3.5050



112.1230, 13.7960, 25.3160



84.2890, 6.5560, 2.3320



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.



107.2380, 28.9290, 9.8650



130.4960, 45.9380, 15.4900



121.3260, 22.3290, -2.6870



66.0930, 4.1720, 1.4840



42.1260, 79.6350, 27.0510



2.3920, 4.7680, 1.6960

Inverse Universe

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



125.7620, -28.9290, -9.8650



159.5040, -45.9380, -15.4900



111.6740, -22.3290, 2.6870



68.9070, -4.1720, -1.4840



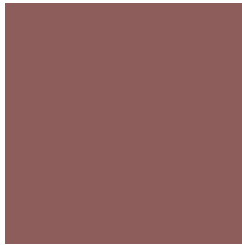
93.4610, -79.9100, -27.5740



5.6080, -4.7680, -1.6960

Previews

White Background



This preview shows how the YIQ color 107.2380, 28.9290, 9.8650 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 107.2380, 28.9290, 9.8650 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 107.2380, 28.9290, 9.8650

Background



This preview shows how black text looks on a background with the YIQ color 107.2380, 28.9290, 9.8650.



This preview shows how white text looks on a background with the YIQ color 107.2380, 28.9290,

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

107.2380, 28.9290, 9.8650

Protanopia

105.5120, 4.3100, -1.0180

Deuteranopia

106.6120, 15.7720, 0.5080



Tritanopia

107.7480, 27.5530, 12.7770

Trichromacy



Original Color

107.2380, 28.9290, 9.8650

Protanomaly

106.4100, 13.5250, 2.6850

Deuteranomaly

107.0580, 20.4480, 3.8720

Tritanomaly

107.4060, 28.5160, 11.8440

Monochromacy



Original Color

107.2380, 28.9290, 9.8650

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.0830, 10.1320, 3.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.2380, 28.9290, 9.8650 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, 93, 92)` looks like.

```
.text, #text, p{  
    color:rgb(141, 93, 92)  
}
```

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, 93, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 93, 92) }
```

Border

The CSS property to change the border of an element to YIQ 107.2380, 28.9290, 9.8650 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, 93, 92) }
```


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

```
.border{ border-color:rgb(141, 93, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 93, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 93, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 93, 92);  
box-shadow:4px 4px 4px 4px rgb(141, 93,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 107.2380, 28.9290, 9.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 93, 92) }
```

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

```
.background{ background-color: rgb(141, 93,  
92) }
```

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