

Converting Colors

YIQ(116.9380, 47.2690, 7.8850)

Have a look what the booklet for
YIQ(116.9380, 47.2690, 7.8850)
contains.

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Color

**YIQ(116.9380, 47.2690,
7.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	A7634E
RGB	167, 99, 78
RGB Percent	65%, 39%, 31%
CMY	0.3450, 0.6119, 0.6939
CMYK	0.00, 0.41, 0.53, 0.34
HSL	14°, 36%, 48%
HSV	14°, 53%, 66%
XYZ	21.7805, 17.6887, 9.4838
YIQ	116.9380, 47.2690, 7.8850

Conversions

Conversions Part 2

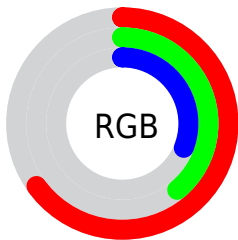
Format	Color
RYB	167, 105, 78
Decimal	10969934
CIELab	49.12, 25.30, 23.61
CIELCh	49, 34.606, 43.030
Yxy	17.6887, 0.4449, 0.3613
Android (android.graphics.Color)	4289160014 (0xFFA7634E)
YUV	116.9380, -19.1964, 43.9044
Hunter-Lab	42.0579, 18.8383, 16.0710

Details

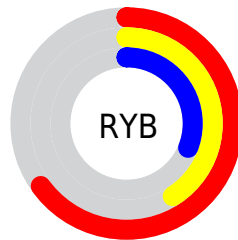
The YIQ color **116.9380, 47.2690, 7.8850** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **128.0620, -47.2690, -7.8850**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3900, 51.8080, 8.2240**, and **66.8880, 41.5380, 7.1220** is the 20% darker color. If you saturate the color by 10%, you get **107.3690, 56.3010, 9.3970**, and if you desaturate by 10%, it is **126.5070, 38.2370, 6.3730**.

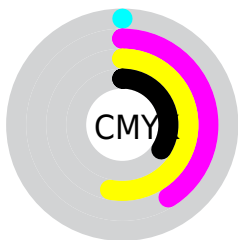
Distribution



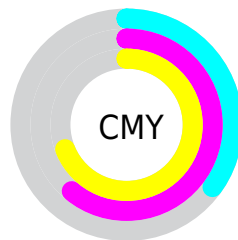
- Red (65%)
- Green (39%)
- Blue (31%)



- Red (65%)
- Yellow (41%)
- Blue (31%)



- Cyan (0%)
- Magenta (41%)
- Yellow (53%)
- Black (34%)





- Cyan (35%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.9380, 47.2690, 7.8850 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 116.9380, 47.2690, 7.8850 by changing the saturation by 10% instead.


 116.9380, 47.2690,
7.8850


 116.9380, 47.2690,
7.8850


255.0000, -0.0000,
-0.0000


 91.8560, 44.5640,
7.3480


 169.8030, 52.0830,
8.7470


 66.8880, 41.5380,
7.1220


 197.5860, 54.1920,
9.0720

 43.2190, 39.1080,
7.1080

 217.1000, 37.8250,
2.8250

 20.5760, 33.7890,
9.8930

 236.7280, 21.1370,
-3.1110

 10.5790, 20.5390,
7.7310

 252.8340, 6.0990,
-5.9090

 0.0000, 0.0000,
0.0000

■ 116.9380, 47.2690,
7.8850

■ 116.9380, 47.2690,
7.8850

■ 107.3690, 56.3010,
9.3970

■ 126.5070, 38.2370,
6.3730

■ 97.9140, 65.0120,
11.2200

■ 135.9620, 29.5260,
4.5500

■ 88.9320, 73.7690,
12.2090

■ 144.9440, 20.7690,
3.5610

■ 79.3630, 82.8010,
13.7210

■ 154.5130, 11.7370,
2.0490

■ 72.8260, 88.8070,
15.0070

■ 164.0820, 2.7050,
0.5370

■ 173.5370, -6.0060,
-1.2860

■ 182.5190,
-14.7630, -2.2750

■ 192.0880,

-23.7950, -3.7870

■ 201.5430,
-32.5060, -5.6100

Harmonies

Analogous

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



118.2880, 43.8280, 20.6920



116.9380, 47.2690, 7.8850



115.3740, 39.5690, -6.7590

Triad

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



116.9380, 47.2690, 7.8850



102.5350, -39.1960, -27.5480



115.1480, -32.0510, 13.6850

Complementary

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



116.9380, 47.2690, 7.8850



128.0620, -47.2690, -7.8850

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.



98.6750, -76.7960, -6.9080



116.9380, 47.2690, 7.8850



92.1900, -77.7090, -28.9170

Square

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



116.9380, 47.2690, 7.8850



109.1940, -4.4430, -24.1150



94.0940, -85.8260, -19.4740



119.9520, 1.0960, 24.2000

Rectangle

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



116.9380, 47.2690, 7.8850



114.0580, 28.4750, -14.9570



94.0940, -85.8260, -19.4740



111.9290, -44.7960, 7.8760

Sweetspot

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



116.9380, 47.2690, 7.8850



197.1610, 18.6600, 3.2360



112.3630, 31.2160, 40.0160



98.2140, 11.1410, 1.8370



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



116.9380, 47.2690, 7.8850



138.9320, 73.7690, 12.2090



142.7660, 35.1690, -15.1270



79.5660, 4.2180, 0.6500



64.7970, 78.5830, 13.0710



8.9150, 10.5450, 1.6250

Inverse Universe

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



128.0620, -47.2690, -7.8850



156.0680, -73.7690, -12.2090



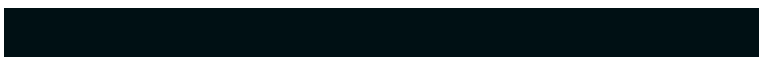
102.2340, -35.1690, 15.1270



80.4340, -4.2180, -0.6500



83.2030, -78.5830, -13.0710



11.6720, -10.8200, -2.1480

Previews

White Background



This preview shows how the YIQ color 116.9380, 47.2690, 7.8850 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 116.9380, 47.2690, 7.8850 looks on a black 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

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

YIQ 116.9380, 47.2690, 7.8850

Background



This preview shows how black text looks on a background with the YIQ color 116.9380, 47.2690, 7.8850.



This preview shows how white text looks on a background with the YIQ color 116.9380, 47.2690,

7.8850.

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

116.9380, 47.2690, 7.8850

Protanopia

116.1570, 15.3150, -7.7330

Deuteranopia

116.5670, 28.8400, -5.0480



Tritanopia

118.6250, 41.2610, 17.6530

Trichromacy



Original Color

116.9380, 47.2690, 7.8850

Protanomaly

116.1910, 27.1430, -1.8250

Deuteranomaly

116.4370, 35.2580, -0.2140

Tritanomaly

117.8870, 43.2790, 14.1190

Monochromacy



Original Color

116.9380, 47.2690, 7.8850

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.6770, 17.1470, 3.1230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.9380, 47.2690, 7.8850 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(167, 99, 78)` looks like.

```
.text, #text, p{  
    color:rgb(167, 99, 78)  
}
```

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(167, 99, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 99, 78) }
```

Border

The CSS property to change the border of an element to YIQ 116.9380, 47.2690, 7.8850 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(167, 99, 78) }
```


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

```
.border{ border-color:rgb(167, 99, 78) }
```

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

Here you see how a box with a 4 pixel rgb(167, 99, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 99, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 99, 78);  
box-shadow:4px 4px 4px 4px rgb(167, 99,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 116.9380, 47.2690, 7.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 99, 78) }
```

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

```
.background{ background-color: rgb(167, 99,  
78) }
```

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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