

Converting Colors

YIQ(118.9490, 22.3730, 7.5330)

Have a look what the booklet for
YIQ(118.9490, 22.3730, 7.5330)
contains.

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Color

**YIQ(118.9490, 22.3730,
7.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	916C6B
RGB	145, 108, 107
RGB Percent	57%, 42%, 42%
CMY	0.4313, 0.5765, 0.5803
CMYK	0.00, 0.26, 0.26, 0.43
HSL	2°, 15%, 49%
HSV	2°, 26%, 57%
XYZ	19.6969, 17.8056, 16.3149
YIQ	118.9490, 22.3730, 7.5330

Conversions

Conversions Part 2

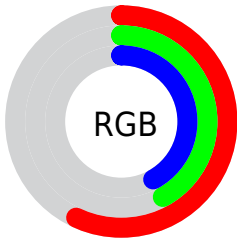
Format	Color
R_{YB}	145, 108, 107
Decimal	9530475
CIE _{Lab}	49.26, 14.59, 6.29
CIE _{LCh}	49, 15.892, 23.311
Yxy	17.8056, 0.3660, 0.3309
Android (android.graphics.Color)	4287720555 (0xFF916C6B)
YUV	118.9490, -5.8909, 22.8467
Hunter-Lab	42.1967, 9.4775, 6.6139

Details

The YIQ color **118.9490, 22.3730, 7.5330** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **133.0510, -22.3730, -7.5330**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7320, 24.4820, 7.8580**, and **70.1660, 20.2640, 7.2080** is the 20% darker color. If you saturate the color by 10%, you get **109.1350, 30.7170, 10.5010**, and if you desaturate by 10%, it is **128.8770, 13.7080, 4.8760**.

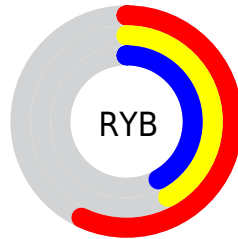
Distribution



Red (57%)

Green (42%)

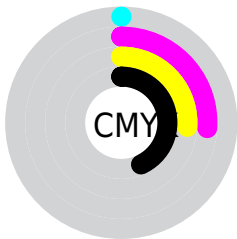
Blue (42%)



Red (57%)

Yellow (42%)

Blue (42%)

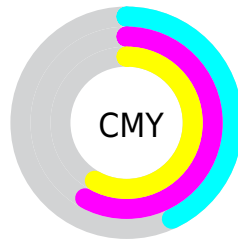


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (43%)



Cyan (43%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.9490, 22.3730, 7.5330 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 118.9490, 22.3730, 7.5330 by changing the saturation by 10% instead.

■ 118.9490, 22.3730,
7.5330

■ 118.9490, 22.3730,
7.5330

■ 255.0000, -0.0000,
-0.0000

■ 94.3510, 21.1810,
7.1090

■ 171.7320, 24.4820,
7.8580

■ 70.1660, 20.2640,
7.2080

■ 199.0310, 25.0780,
8.0700

■ 47.2690, 18.4760,
6.5720

■ 226.1450, 24.7570,
8.3810

■ 25.7850, 16.9630,
6.4590

■ 246.3600, 7.7940,
1.9220

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,
0.0000

■ 118.9490, 22.3730,
7.5330

■ 118.9490, 22.3730,
7.5330

■ 109.1350, 30.7170,
10.5010

■ 128.8770, 13.7080,
4.8760

■ 99.2070, 39.3820,
13.1580

■ 138.6910, 5.3640,
1.9080

■ 89.3930, 47.7260,
16.1260

■ 148.6190, -3.3010,
-0.7490

■ 78.8780, 56.6660,
19.3060

■ 159.0200,
-11.9200, -4.2400

■ 69.0640, 65.0100,
22.2740

■ 168.9480,
-20.5850, -6.8970

■ 59.1360, 73.6750,
24.9310

■ 178.7620,
-28.9290, -9.8650

■ 49.3220, 82.0190,
27.8990


■ 188.6900,
-37.5940, -12.5220

■ 45.7030, 85.3200,

■ 198.5040,

28.6480

-45.9380, -15.4900

 208.4320,
-54.6030, -18.1470

Harmonies

Analogous

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



119.6480, 16.0910, 11.2510



118.9490, 22.3730, 7.5330



118.2600, 22.6950, 1.6950

Triad

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



118.9490, 22.3730, 7.5330



113.9140, -6.0500, -11.5060



115.1580, -20.8160, 2.8000

Complementary

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



118.9490, 22.3730, 7.5330



133.0510, -22.3730, -7.5330

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.



113.0490, -28.0590, -3.6030



118.9490, 22.3730, 7.5330



112.2700, -18.7960, -11.7880

Square

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



118.9490, 22.3730, 7.5330



115.0250, 6.8790, -9.0330



111.7730, -27.4620, -8.9180



118.0780, -8.6670, 8.3970

Rectangle

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



118.9490, 22.3730, 7.5330



117.4720, 18.9820, -2.6020



111.7730, -27.4620, -8.9180



114.7230, -24.0250, 0.3830

Sweetspot

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



118.9490, 22.3730, 7.5330



178.4850, 8.9400, 3.1800



122.5800, 10.7710, 19.5630



87.6910, 5.3640, 1.9080



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



118.9490, 22.3730, 7.5330



148.8150, 34.6140, 11.4620



130.1020, 17.1480, -2.4040



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.



133.0510, -22.3730, -7.5330



170.1850, -34.6140, -11.4620



121.8980, -17.1480, 2.4040



68.9070, -4.1720, -1.4840



92.8740, -79.6350, -27.0510



5.0210, -4.4930, -1.1730

Previews

White Background



This preview shows how the YIQ color 118.9490, 22.3730, 7.5330 looks on a white background.

Color Contrast Check

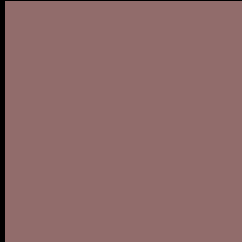
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9490, 22.3730, 7.5330 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 118.9490, 22.3730, 7.5330

Background



This preview shows how black text looks on a background with the YIQ color 118.9490, 22.3730, 7.5330.

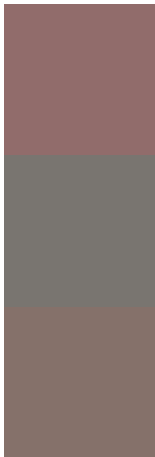


This preview shows how white text looks on a background with the YIQ color 118.9490, 22.3730,

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

118.9490, 22.3730, 7.5330

Protanopia

117.6260, 3.9890, -0.7070

Deuteranopia

118.1820, 14.1670, 2.0630



Tritanopia

119.5730, 20.6760, 10.7560

Trichromacy



Original Color

118.9490, 22.3730, 7.5330

Protanomaly

118.3280, 10.8200, 2.1480

Deuteranomaly

118.2040, 17.1010, 3.9570

Tritanomaly

119.2310, 21.6390, 9.8230

Monochromacy



Original Color

118.9490, 22.3730, 7.5330

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.8870, 7.7480, 2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.9490, 22.3730, 7.5330 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(145, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(145, 108, 107)  
}
```

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(145, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 108, 107) }
```

Border

The CSS property to change the border of an element to YIQ 118.9490, 22.3730, 7.5330 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(145, 108, 107) }
```


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

```
.border{ border-color:rgb(145, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(145, 108,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 118.9490, 22.3730, 7.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 108, 107) }
```

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

```
.background{ background-color: rgb(145,  
108, 107) }
```

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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