

Converting Colors

YIQ(112.3770, 18.2920, 9.9080)

Have a look what the booklet for
YIQ(112.3770, 18.2920, 9.9080)
contains.

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Color

**YIQ(112.3770, 18.2920,
9.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	88656D
RGB	136, 101, 109
RGB Percent	53%, 40%, 43%
CMY	0.4666, 0.6040, 0.5725
CMYK	0.00, 0.26, 0.20, 0.47
HSL	346°, 15%, 46%
HSV	346°, 26%, 53%
XYZ	17.5705, 15.6451, 16.5665
YIQ	112.3770, 18.2920, 9.9080

Conversions

Conversions Part 2

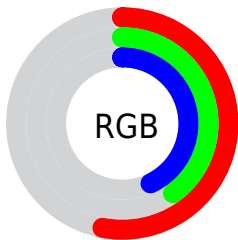
Format	Color
R_{YB}	136, 101, 109
Decimal	8938861
CIE _{Lab}	46.51, 15.41, 1.00
CIE _{LCh}	47, 15.442, 3.701
Yxy	15.6451, 0.3529, 0.3143
Android (android.graphics.Color)	4287128941 (0xFF88656D)
YUV	112.3770, -1.6649, 20.7174
Hunter-Lab	39.5539, 10.0732, 2.8551

Details

The YIQ color **112.3770, 18.2920, 9.9080** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **124.6230, -18.2920, -9.9080**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2740, 20.0800, 10.5440**, and **64.1810, 15.9080, 9.0600** is the 20% darker color. If you saturate the color by 10%, you get **103.0190, 25.3520, 14.1200**, and if you desaturate by 10%, it is **121.8490, 10.9110, 6.0070**.

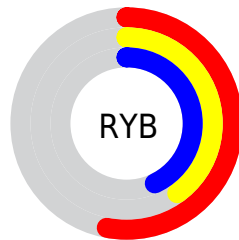
Distribution



Red (53%)

Green (40%)

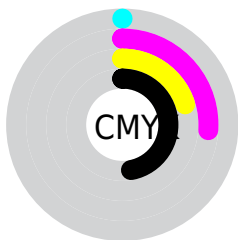
Blue (43%)



Red (53%)

Yellow (40%)

Blue (43%)

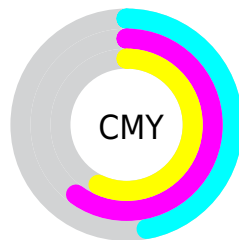


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (47%)



Cyan (47%)

Magenta (60%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.3770, 18.2920, 9.9080 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 112.3770, 18.2920, 9.9080 by changing the saturation by 10% instead.

■ 112.3770, 18.2920,
9.9080

■ 112.3770, 18.2920,
9.9080

255.0000, -0.0000,
-0.0000

■ 87.7790, 17.1000,
9.4840

■ 164.2740, 20.0800,
10.5440

■ 64.1810, 15.9080,
9.0600

■ 191.5730, 20.6760,
10.7560

■ 41.8820, 15.3120,
8.8480

■ 219.8720, 21.2720,
10.9680

■ 20.2840, 14.1200,
8.4240

■ 242.0060, 9.0310,
7.0390

■ 0.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 112.3770, 18.2920,
9.9080

■ 112.3770, 18.2920,
9.9080

■ 103.0190, 25.3520,
14.1200

■ 121.8490, 10.9110,
6.0070

■ 94.1340, 32.4580,
17.4980

■ 130.6200, 4.1260,
2.3180

■ 84.7760, 39.5180,
21.7100

■ 139.9780, -2.9340,
-1.8940

■ 75.8910, 46.6240,
25.0880

■ 148.8630,
-10.0400, -5.2720

■ 66.5330, 53.6840,
29.3000

■ 158.2210,
-17.1000, -9.4840

■ 57.0610, 61.0650,
33.2010

■ 167.6930,
-24.4810, -13.3850

■ 48.2900, 67.8500,
36.8900


■ 176.4640,
-31.2660, -17.0740

■ 44.1980, 71.1050,

■ 185.9360,

38.4730

-38.6470, -20.9750

 194.7070,
-45.4320, -24.6640

Harmonies

Analogous

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



112.6410, 8.8010, 11.2090



112.3770, 18.2920, 9.9080



111.4820, 22.1900, 5.3420

Triad

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



112.3770, 18.2920, 9.9080



108.0460, 2.3860, -10.2060



107.1850, -25.4460, -1.3980

Complementary

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



112.3770, 18.2920, 9.9080



124.6230, -18.2920, -9.9080

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.



104.9410, -27.8750, -6.9390



112.3770, 18.2920, 9.9080



106.7610, -9.9930, -11.6330

Square

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



112.3770, 18.2920, 9.9080



109.4280, 13.1140, -6.3900



105.2420, -21.5930, -10.6570



109.6640, -16.3690, 4.8070

Rectangle

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



112.3770, 18.2920, 9.9080



111.0750, 21.7780, 1.7940



105.2420, -21.5930, -10.6570



106.3480, -27.4630, -3.3910

Sweetspot

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



112.3770, 18.2920, 9.9080



166.5280, 7.3810, 3.9010



113.0630, 4.8570, 16.6090



82.9190, 4.7220, 2.5300



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



112.3770, 18.2920, 9.9080



138.9270, 28.6070, 15.7030



116.7480, 18.3850, 2.7130



64.3210, 3.5300, 2.1060



43.1870, 69.6380, 37.5260



1.6090, 2.6590, 1.3710

Inverse Universe

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



112.3770, 18.2920, 9.9080



138.9270, 28.6070, 15.7030



120.2520, -18.3850, -2.7130



64.3210, 3.5300, 2.1060



43.1870, 69.6380, 37.5260



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 112.3770, 18.2920, 9.9080 looks on a white background.

Color Contrast Check

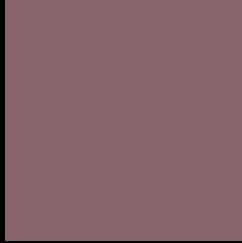
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3770, 18.2920, 9.9080 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 112.3770, 18.2920, 9.9080

Background



This preview shows how black text looks on a background with the YIQ color 112.3770, 18.2920, 9.9080.



This preview shows how white text looks on a background with the YIQ color 112.3770, 18.2920,

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

112.3770, 18.2920, 9.9080

Protanopia

110.7550, -0.6880, 1.4560

Deuteranopia

111.5990, 8.6190, 3.4910



Tritanopia

112.3770, 18.2920, 9.9080

Trichromacy



Original Color

112.3770, 18.2920, 9.9080

Protanomaly

111.4570, 6.1430, 4.3110

Deuteranomaly

111.9200, 12.1490, 5.5970

Tritanomaly

112.3770, 18.2920, 9.9080

Monochromacy



Original Color

112.3770, 18.2920, 9.9080

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.2290, 6.7850, 3.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.3770, 18.2920, 9.9080 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(136, 101, 109)` looks like.

```
.text, #text, p{  
    color:rgb(136, 101, 109)  
}
```

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(136, 101, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 101, 109) }
```

Border

The CSS property to change the border of an element to YIQ 112.3770, 18.2920, 9.9080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

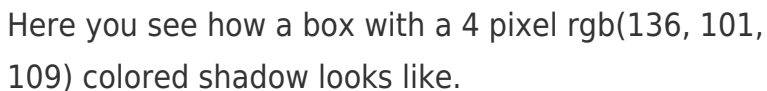
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 101, 109) }
```


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

```
.border{ border-color:rgb(136, 101, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 101, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 101, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 101, 109); box-shadow:4px 4px 4px 4px rgb(136, 101, 109) }
```

Background

The CSS property to change the background color of an element to YIQ 112.3770, 18.2920, 9.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 101, 109) }
```

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

```
.background{ background-color: rgb(136,  
101, 109) }
```

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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