

Converting Colors

YIQ(146.3770, 18.2920, 9.9080)

Have a look what the booklet for
YIQ(146.3770, 18.2920, 9.9080)
contains.

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Color

**YIQ(146.3770, 18.2920,
9.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	AA878F
RGB	170, 135, 143
RGB Percent	67%, 53%, 56%
CMY	0.3332, 0.4706, 0.4391
CMYK	0.00, 0.21, 0.16, 0.33
HSL	346°, 17%, 60%
HSV	346°, 21%, 67%
XYZ	30.2036, 27.8561, 29.7782
YIQ	146.3770, 18.2920, 9.9080

Conversions

Conversions Part 2

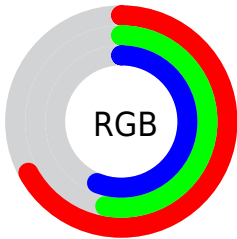
Format	Color
R_{YB}	170, 135, 143
Decimal	11175823
CIE Lab	59.76, 14.66, 0.80
CIE LCh	60, 14.677, 3.116
Yxy	27.8561, 0.3439, 0.3171
Android (android.graphics.Color)	4289365903 (0xFFAA878F)
YUV	146.3770, -1.6649, 20.7174
Hunter-Lab	52.7789, 9.7865, 3.4934

Details

The YIQ color $146.3770, 18.2920, 9.9080$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $158.6230, -18.2920, -9.9080$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $200.3880, 19.7590, 10.8550$, and $95.4800, 16.5040, 9.2720$ is the 20% darker color. If you saturate the color by 10%, you get $134.9160, 27.1400, 14.7560$, and if you desaturate by 10%, it is $157.8380, 9.4440, 5.0600$.

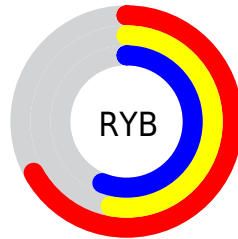
Distribution



Red (67%)

Green (53%)

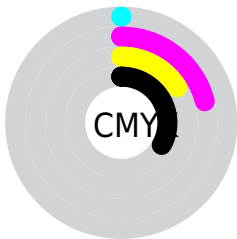
Blue (56%)



Red (67%)

Yellow (53%)

Blue (56%)

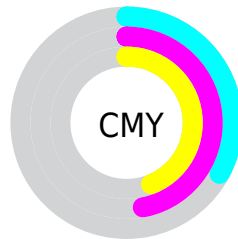


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.3770, 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 146.3770, 18.2920, 9.9080 by changing the saturation by 10% instead.


 146.3770, 18.2920,
9.9080


 146.3770, 18.2920,
9.9080


255.0000, -0.0000,
-0.0000

 120.6650, 17.4210,
9.1730


 200.3880, 19.7590,
10.8550


 95.4800, 16.5040,
9.2720


 228.6870, 20.3550,
11.0670

 71.7680, 15.6330,
8.5370

 248.9020, 3.3920,
4.6080

 49.1700, 14.4410,
8.1130

 27.5720, 13.2490,
7.6890

 8.1870, 15.7710,
6.0350

 0.0000, 0.0000,

0.0000

■ 146.3770, 18.2920,
9.9080

■ 146.3770, 18.2920,
9.9080

■ 134.9160, 27.1400,
14.7560

■ 157.8380, 9.4440,
5.0600

■ 123.4550, 35.9880,
19.6040

■ 169.2990, 0.5960,
0.2120

■ 111.9940, 44.8360,
24.4520

■ 180.7600, -8.2520,
-4.6360

■ 100.5330, 53.6840,
29.3000

■ 192.2210,
-17.1000, -9.4840

■ 88.9580, 62.8530,
33.8370

■ 203.7960,
-26.2690, -14.0210

■ 77.4970, 71.7010,
38.6850

■ 215.2570,
-35.1170, -18.8690

■ 66.0360, 80.5490,
43.5330

■ 226.7180,
-43.9650, -23.7170

■ 55.2760, 88.8010,
48.1690

■ 228.7870,
-48.4130, -20.1970

■ 229.5850,
-50.6600, -18.0200

Harmonies

Analogous

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



146.6410, 8.8010, 11.2090



146.3770, 18.2920, 9.9080



145.7810, 22.7860, 5.5540

Triad

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



146.3770, 18.2920, 9.9080



141.4590, 2.6610, -9.6830



140.8970, -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.



146.3770, 18.2920, 9.9080



158.6230, -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.



139.5390, -26.6830, -6.5150



146.3770, 18.2920, 9.9080



140.1740, -9.7180, -11.1100

Square

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



146.3770, 18.2920, 9.9080



143.1400, 13.9850, -5.6550



139.5410, -20.9970, -10.4450



143.5500, -16.0480, 4.4960

Rectangle

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



146.3770, 18.2920, 9.9080



145.0750, 21.7780, 1.7940



139.5410, -20.9970, -10.4450



139.9460, -26.2710, -2.9670

Sweetspot

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



146.3770, 18.2920, 9.9080



213.2290, 6.7850, 3.6890



147.0630, 4.8570, 16.6090



106.6200, 4.1260, 2.3180



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



146.3770, 18.2920, 9.9080



184.2260, 29.2030, 15.9150



150.7480, 18.3850, 2.7130



78.6200, 4.1260, 2.3180



48.1280, 77.2940, 41.9500



6.5500, 10.3150, 5.7950

Inverse Universe

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



146.3770, 18.2920, 9.9080



184.2260, 29.2030, 15.9150



154.2520, -18.3850, -2.7130



78.6200, 4.1260, 2.3180



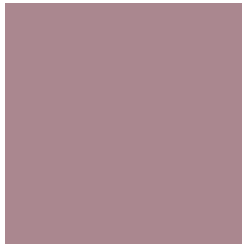
48.1280, 77.2940, 41.9500



6.5500, 10.3150, 5.7950

Previews

White Background



This preview shows how the YIQ color 146.3770, 18.2920, 9.9080 looks on a white background.

Color Contrast Check

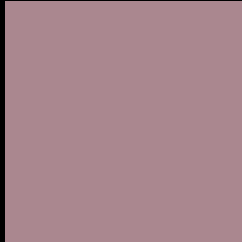
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 146.3770, 18.2920, 9.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

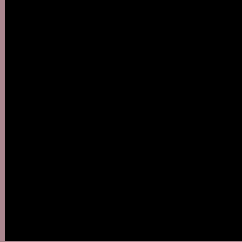
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.3770, 18.2920, 9.9080

Background



This preview shows how black text looks on a background with the YIQ color 146.3770, 18.2920, 9.9080.



This preview shows how white text looks on a background with the YIQ color 146.3770, 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

146.3770, 18.2920, 9.9080

Protanopia

144.4670, 0.1830, 2.1910

Deuteranopia

145.3220, 10.9570, 5.1730



Tritanopia

146.6050, 17.6500, 10.5300

Trichromacy



Original Color

146.3770, 18.2920, 9.9080

Protanomaly

145.1690, 7.0140, 5.0460

Deuteranomaly

145.9310, 13.6160, 6.5440

Tritanomaly

146.4910, 17.9710, 10.2190

Monochromacy



Original Color

146.3770, 18.2920, 9.9080

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.2290, 6.7850, 3.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.3770, 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(170, 135, 143)` looks like.

```
.text, #text, p{  
    color:rgb(170, 135, 143)  
}
```

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(170, 135, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 135, 143) }
```

Border

The CSS property to change the border of an element to YIQ 146.3770, 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(170, 135, 143) }
```


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

```
.border{ border-color:rgb(170, 135, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 135, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 135, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 135, 143);  
box-shadow:4px 4px 4px 4px rgb(170, 135,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 146.3770, 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(170, 135, 143) }
```

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

```
.background{ background-color: rgb(170,  
135, 143) }
```

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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