

Converting Colors

YIQ(146.1270, 16.0000, 7.3920)

Have a look what the booklet for
YIQ(146.1270, 16.0000, 7.3920)
contains.

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Color

**YIQ(146.1270, 16.0000,
7.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	A6898D
RGB	166, 137, 141
RGB Percent	65%, 54%, 55%
CMY	0.3489, 0.4628, 0.4470
CMYK	0.00, 0.17, 0.15, 0.35
HSL	352°, 14%, 59%
HSV	352°, 17%, 65%
XYZ	29.4825, 27.9204, 29.0406
YIQ	146.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

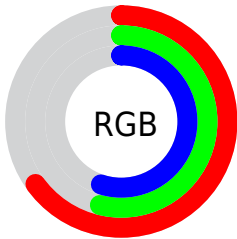
Format	Color
R_{YB}	166, 137, 141
Decimal	10914189
CIE _{Lab}	59.82, 11.67, 1.98
CIE _{LCh}	60, 11.834, 9.627
Yxy	27.9204, 0.3411, 0.3230
Android (android.graphics.Color)	4289104269 (0xFFA6898D)
YUV	146.1270, -2.5276, 17.4286
Hunter-Lab	52.8397, 7.1265, 4.4022

Details

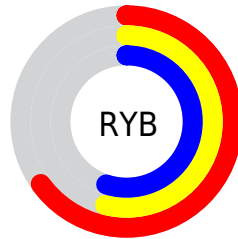
The YIQ color **146.1270, 16.0000, 7.3920** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **156.8730, -16.0000, -7.3920**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.8390, 16.8710, 8.1270**, and **95.5290, 14.8080, 6.9680** is the 20% darker color. If you saturate the color by 10%, you get **134.5520, 25.1690, 11.9290**, and if you desaturate by 10%, it is **157.7020, 6.8310, 2.8550**.

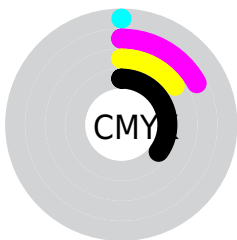
Distribution



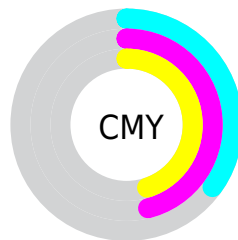
- Red (65%)
- Green (54%)
- Blue (55%)



- Red (65%)
- Yellow (54%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (35%)





- Cyan (35%)
- Magenta (46%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.1270, 16.0000, 7.3920 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 146.1270, 16.0000, 7.3920 by changing the saturation by 10% instead.


 146.1270, 16.0000,
7.3920


 146.1270, 16.0000,
7.3920


255.0000, -0.0000,
-0.0000

 120.5290, 14.8080,
6.9680


 199.8390, 16.8710,
8.1270


 95.5290, 14.8080,
6.9680


 228.0240, 17.7880,
8.0280

 71.9310, 13.6160,
6.5440

 249.8480, 3.4840,
2.9400

 49.2190, 12.7450,
5.8090

 27.7350, 11.2320,
5.6960

 6.8770, 13.7080,
4.8760

 0.0000, 0.0000,

0.0000

146.1270, 16.0000,
7.3920

146.1270, 16.0000,
7.3920

134.5520, 25.1690,
11.9290

157.7020, 6.8310,
2.8550

123.4500, 34.3840,
15.6320

168.8040, -2.3840,
-0.8480

111.8750, 43.5530,
20.1690

180.3790,
-11.5530, -5.3850

100.8870, 52.4470,
24.1830

191.3670,
-20.4470, -9.3990

89.3120, 61.6160,
28.7200

203.0560,
-29.9370, -13.6250

77.6230, 71.1060,
32.9460

214.6310,
-39.1060, -18.1620

■ 66.6350, 80.0000,
36.9600

■ 225.6190,
-48.0000, -22.1760

■ 55.0600, 89.1690,
41.4970

■ 228.3890,
-53.0440, -18.8680

■ 52.2560, 91.5530,
42.3450

Harmonies

Analogous

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



146.4730, 9.2140, 9.2300



146.1270, 16.0000, 7.3920



145.2750, 18.3390, 3.5470

Triad

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



146.1270, 16.0000, 7.3920



142.4310, -0.1360, -8.5520



142.2460, -18.2480, 0.3120

Complementary

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



146.1270, 16.0000, 7.3920



156.8730, -16.0000, -7.3920

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.



140.6430, -21.0440, -4.0840



146.1270, 16.0000, 7.3920



141.3420, -10.1310, -9.1310

Square

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



146.1270, 16.0000, 7.3920



143.2150, 9.4000, -5.1600



140.3890, -17.5130, -7.5050



144.1870, -10.5920, 4.7360

Rectangle

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



146.1270, 16.0000, 7.3920



144.9820, 17.6060, 0.3100



140.3890, -17.5130, -7.5050



141.8220, -19.9900, -1.1580

Sweetspot

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



146.1270, 16.0000, 7.3920



209.4030, 6.2350, 2.6430



147.7810, 5.5910, 14.3190



105.2070, 3.8510, 1.7950



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.



146.1270, 16.0000, 7.3920



185.5520, 25.1690, 11.9290



151.5410, 14.5340, 0.9180



78.5060, 4.4470, 2.0070



46.6460, 81.4670, 37.9070



6.3220, 10.9570, 5.1730

Inverse Universe

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



146.1270, 16.0000, 7.3920



185.5520, 25.1690, 11.9290



151.4590, -14.5340, -0.9180



78.5060, 4.4470, 2.0070



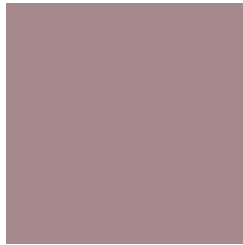
46.6460, 81.4670, 37.9070



6.3220, 10.9570, 5.1730

Previews

White Background



This preview shows how the YIQ color 146.1270, 16.0000, 7.3920 looks on a white background.

Color Contrast Check

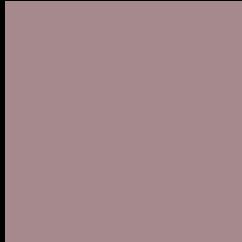
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.1270, 16.0000, 7.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

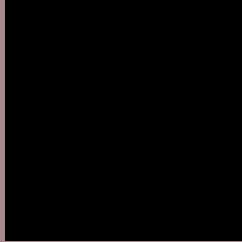
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.1270, 16.0000, 7.3920

Background



This preview shows how black text looks on a background with the YIQ color 146.1270, 16.0000, 7.3920.



This preview shows how white text looks on a background with the YIQ color 146.1270, 16.0000,

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

146.1270, 16.0000, 7.3920

Protanopia

145.0110, 1.4670, 0.9470

Deuteranopia

146.0940, 11.5990, 4.5510



Tritanopia

146.5230, 14.9450, 9.9930

Trichromacy



Original Color

146.1270, 16.0000, 7.3920

Protanomaly

145.2290, 6.7850, 3.6890

Deuteranomaly

146.1050, 13.0660, 5.4980

Tritanomaly

146.2950, 15.5870, 9.3710

Monochromacy



Original Color

146.1270, 16.0000, 7.3920

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1040, 5.6390, 2.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1270, 16.0000, 7.3920 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(166, 137, 141)` looks like.

```
.text, #text, p{  
    color:rgb(166, 137, 141)  
}
```

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(166, 137, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 137, 141) }
```

Border

The CSS property to change the border of an element to YIQ 146.1270, 16.0000, 7.3920 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(166, 137, 141) }
```


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

```
.border{ border-color:rgb(166, 137, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 137, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 137, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 137, 141);  
box-shadow:4px 4px 4px 4px rgb(166, 137,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1270, 16.0000, 7.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 137, 141) }
```

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

```
.background{ background-color: rgb(166,  
137, 141) }
```

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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