

Converting Colors

YIQ(120.4960, 19.5750, 14.1910)

Have a look what the booklet for
YIQ(120.4960, 19.5750, 14.1910)
contains.

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Color

**YIQ(120.4960, 19.5750,
14.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	946A7B
RGB	148, 106, 123
RGB Percent	58%, 42%, 48%
CMY	0.4195, 0.5844, 0.5176
CMYK	0.00, 0.28, 0.17, 0.42
HSL	336°, 17%, 50%
HSV	336°, 28%, 58%
XYZ	20.9462, 18.0334, 21.1211
YIQ	120.4960, 19.5750, 14.1910

Conversions

Conversions Part 2

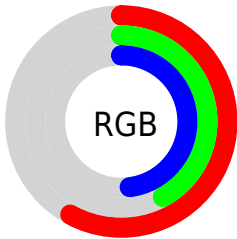
Format	Color
R_{YB}	148, 106, 123
Decimal	9726587
CIE _{Lab}	49.54, 19.53, -2.78
CIE _{LCh}	50, 19.725, 351.895
Yxy	18.0334, 0.3485, 0.3001
Android (android.graphics.Color)	4287916667 (0xFF946A7B)
YUV	120.4960, 1.2345, 24.1210
Hunter-Lab	42.4658, 13.7299, 0.2371

Details

The YIQ color $120.4960, 19.5750, 14.1910$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $133.5040, -19.5750, -14.1910$, and the grayscale version is $120.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $173.3930, 21.3630, 14.8270$, and $71.1860, 17.5120, 13.0320$ is the 20% darker color. If you saturate the color by 10%, you get $110.6650, 26.5890, 19.2370$, and if you desaturate by 10%, it is $130.3270, 12.5610, 9.1450$.

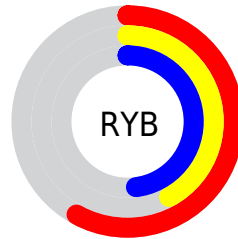
Distribution



Red (58%)

Green (42%)

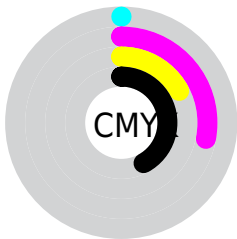
Blue (48%)



Red (58%)

Yellow (42%)

Blue (48%)

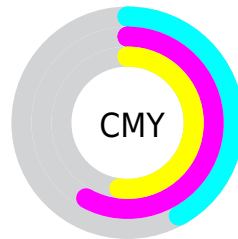


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (42%)



Cyan (42%)


Magenta (58%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.4960, 19.5750, 14.1910 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 120.4960, 19.5750, 14.1910 by changing the saturation by 10% instead.


 120.4960, 19.5750,
14.1910

 120.4960, 19.5750,
14.1910


255.0000, -0.0000,
-0.0000


 95.7840, 18.7040,
13.4560


 173.3930, 21.3630,
14.8270


 71.1860, 17.5120,
13.0320


 200.8060, 21.6380,
15.3500

 48.5880, 16.3200,
12.6080

 227.0230, 19.5290,
15.0250

 26.4030, 15.4030,
12.7070

 246.7820, 3.8500,
7.3220

 9.6540, 15.9540,
8.2260

 0.0000, 0.0000,
0.0000

120.4960, 19.5750,
14.1910

120.4960, 19.5750,
14.1910

110.6650, 26.5890,
19.2370

130.3270, 12.5610,
9.1450

100.8340, 33.6030,
24.2830

140.1580, 5.5470,
4.0990

91.7040, 40.0210,
29.1170

149.2880, -0.8710,
-0.7350

81.8730, 47.0350,
34.1630

159.1190, -7.8850,
-5.7810

72.0420, 54.0490,
39.2090

168.9500,
-14.8990, -10.8270

62.2110, 61.0630,
44.2550

178.7810,
-21.9130, -15.8730

52.3800, 68.0770,
49.3010


188.6120,
-28.9270, -20.9190

51.0920, 68.9480,

197.7420,

50.0360

-35.3450, -25.7530

 207.5730,
-42.3590, -30.7990

Harmonies

Analogous

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



120.1940, 5.8660, 14.8420



120.4960, 19.5750, 14.1910



119.7540, 27.4160, 9.7520

Triad

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



120.4960, 19.5750, 14.1910



115.9280, 8.5300, -11.4220



111.3190, -37.6870, -5.3270

Complementary

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



120.4960, 19.5750, 14.1910



133.5040, -19.5750, -14.1910

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.



110.0000, -35.5310, -11.3630



120.4960, 19.5750, 14.1910



113.7350, -7.1040, -14.4320

Square

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



120.4960, 19.5750, 14.1910



117.2610, 20.9540, -5.3020



111.2370, -23.1970, -14.6290



115.4500, -27.5100, 2.9700

Rectangle

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



120.4960, 19.5750, 14.1910



118.8910, 28.2880, 4.9600



111.2370, -23.1970, -14.6290



110.5530, -38.4660, -7.7300

Sweetspot

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



120.4960, 19.5750, 14.1910



179.8810, 7.8850, 5.7810



118.2630, 1.4180, 18.3620



89.8590, 4.9510, 3.8870



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



120.4960, 19.5750, 14.1910



148.5130, 30.0730, 22.1770



120.3190, 24.2070, 7.3350



69.4350, 3.2090, 2.4170



47.6460, 64.2720, 46.6720



3.4460, 4.6760, 3.3640

Inverse Universe

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



120.4960, 19.5750, 14.1910



148.5130, 30.0730, 22.1770



133.6810, -24.2070, -7.3350



69.4350, 3.2090, 2.4170



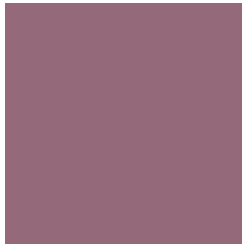
47.6460, 64.2720, 46.6720



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 120.4960, 19.5750, 14.1910 looks on a white background.

Color Contrast Check

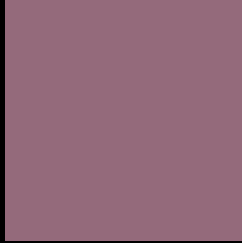
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.4960, 19.5750, 14.1910 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 120.4960, 19.5750, 14.1910

Background



This preview shows how black text looks on a background with the YIQ color 120.4960, 19.5750, 14.1910.



This preview shows how white text looks on a background with the YIQ color 120.4960, 19.5750,

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

120.4960, 19.5750, 14.1910

Protanopia

118.4820, -4.1730, 4.0430

Deuteranopia

118.9840, 6.0970, 5.1450



Tritanopia

119.8720, 21.2720, 10.9680

Trichromacy



Original Color

120.4960, 19.5750, 14.1910

Protanomaly

119.0810, 4.4460, 7.5340

Deuteranomaly

119.4300, 10.7730, 8.5090

Tritanomaly

120.2140, 20.3090, 11.9010

Monochromacy



Original Color

120.4960, 19.5750, 14.1910

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1690, 7.0140, 5.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.4960, 19.5750, 14.1910 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(148, 106, 123)` looks like.

```
.text, #text, p{  
    color:rgb(148, 106, 123)  
}
```

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(148, 106, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 106, 123) }
```

Border

The CSS property to change the border of an element to YIQ 120.4960, 19.5750, 14.1910 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(148, 106, 123) }
```


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

```
.border{ border-color:rgb(148, 106, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 106, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 106, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 106, 123);  
box-shadow:4px 4px 4px 4px rgb(148, 106,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 120.4960, 19.5750, 14.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 106, 123) }
```

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

```
.background{ background-color: rgb(148,  
106, 123) }
```

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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