

Converting Colors

YIQ(126.0710, 19.5740, 19.7180)

Have a look what the booklet for
YIQ(126.0710, 19.5740, 19.7180)
contains.

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Color

**YIQ(126.0710, 19.5740,
19.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6C8A
RGB	157, 108, 138
RGB Percent	62%, 42%, 54%
CMY	0.3842, 0.5765, 0.4588
CMYK	0.00, 0.31, 0.12, 0.38
HSL	323°, 20%, 52%
HSV	323°, 31%, 62%
XYZ	23.8602, 19.7277, 26.6003
YIQ	126.0710, 19.5740, 19.7180

Conversions

Conversions Part 2

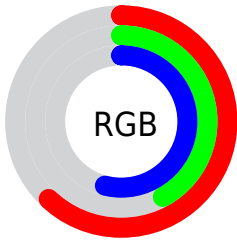
Format	Color
R_{YB}	157, 108, 138
Decimal	10316938
CIE _{Lab}	51.53, 24.35, -8.60
CIE _{LCh}	52, 25.820, 340.545
Yxy	19.7277, 0.3399, 0.2811
Android (android.graphics.Color)	4288507018 (0xFF9D6C8A)
YUV	126.0710, 5.8810, 27.1247
Hunter-Lab	44.4159, 18.1622, -4.4171

Details

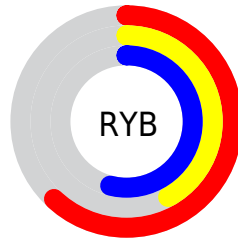
The YIQ color **126.0710, 19.5740, 19.7180** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **138.9290, -19.5740, -19.7180**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0820, 21.0410, 20.6650**, and **76.6470, 17.8320, 18.2480** is the 20% darker color. If you saturate the color by 10%, you get **115.9950, 25.9000, 26.2200**, and if you desaturate by 10%, it is **136.1470, 13.2480, 13.2160**.

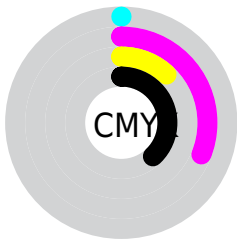
Distribution



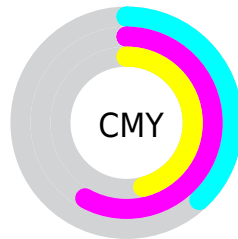
- Red (62%)
- Green (42%)
- Blue (54%)



- Red (62%)
- Yellow (42%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (12%)
- Black (38%)





- Cyan (38%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.0710, 19.5740, 19.7180 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 126.0710, 19.5740, 19.7180 by changing the saturation by 10% instead.


 126.0710, 19.5740,
19.7180


 126.0710, 19.5740,
19.7180


255.0000, -0.0000,
-0.0000


 100.4730, 18.3820,
19.2940


 179.0820, 21.0410,
20.6650

 76.6470, 17.8320,
18.2480


 206.7940, 21.9120,
21.4000

 53.0490, 16.6400,
17.8240

 230.7220, 13.2470,
18.7430

 29.8640, 15.7230,
17.9230

 248.5430, 3.0250,
5.7530

 13.3860, 14.0730,
14.7850

 0.0000, 0.0000,
0.0000

126.0710, 19.5740,
19.7180

126.0710, 19.5740,
19.7180

115.9950, 25.9000,
26.2200

136.1470, 13.2480,
13.2160

106.5060, 31.9510,
32.1990

145.6360, 7.1970,
7.2370

96.4300, 38.2770,
38.7010

155.7120, 0.8710,
0.7350

86.3540, 44.6030,
45.2030

165.7880, -5.4550,
-5.7670

76.2780, 50.9290,
51.7050

175.8640,
-11.7810, -12.2690

66.6750, 57.3010,
57.3730


185.4670,
-18.1530, -17.9370

57.8870, 62.7560,
63.1400

195.5430,
-24.4790, -24.4390

205.6190,

-30.8050, -30.9410

 215.1080,
-36.8560, -36.9200

Harmonies

Analogous

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



125.3660, -0.3700, 17.7260



126.0710, 19.5740, 19.7180



125.0800, 32.5500, 15.8300

Triad

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



126.0710, 19.5740, 19.7180



120.6640, 18.0210, -12.7230



109.6370, -56.4380, -12.4220

Complementary

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



126.0710, 19.5740, 19.7180



138.9290, -19.5740, -19.7180

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.



110.5100, -46.0750, -18.5150



126.0710, 19.5740, 19.7180



118.1500, -1.1430, -17.8390

Square

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



126.0710, 19.5740, 19.7180



122.2900, 31.1780, -3.3660



114.7760, -23.5170, -19.8450



115.6480, -45.8030, -1.4110

Rectangle

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



126.0710, 19.5740, 19.7180



124.5440, 36.8150, 10.1190



114.7760, -23.5170, -19.8450



109.1270, -55.0620, -15.3340

Sweetspot

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



126.0710, 19.5740, 19.7180



192.6360, 7.1970, 7.2370



119.2670, -4.4050, 19.2670



95.0870, 4.3090, 4.5090



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



126.0710, 19.5740, 19.7180



156.6690, 29.9340, 30.2060



123.3350, 27.2780, 12.2540



73.9620, 3.1630, 3.2510



52.6750, 57.3010, 57.3730



5.5110, 6.0510, 5.9790

Inverse Universe

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



126.0710, 19.5740, 19.7180



156.6690, 29.9340, 30.2060



141.6650, -27.2780, -12.2540



73.9620, 3.1630, 3.2510



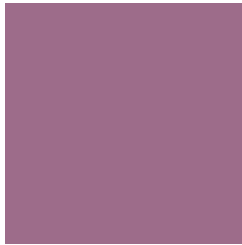
52.6750, 57.3010, 57.3730



5.5110, 6.0510, 5.9790

Previews

White Background



This preview shows how the YIQ color 126.0710, 19.5740, 19.7180 looks on a white background.

Color Contrast Check

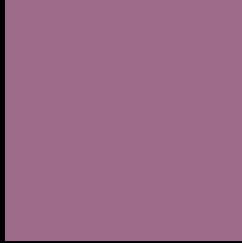
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.0710, 19.5740, 19.7180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

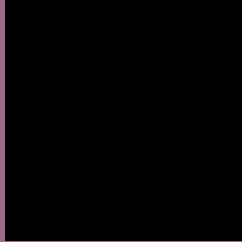
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.0710, 19.5740, 19.7180

Background



This preview shows how black text looks on a background with the YIQ color 126.0710, 19.5740, 19.7180.



This preview shows how white text looks on a background with the YIQ color 126.0710, 19.5740,

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

126.0710, 19.5740, 19.7180

Protanopia

123.6540, -10.4090, 6.9270

Deuteranopia

124.5150, 0.2280, 6.8840



Tritanopia

125.1820, 23.3350, 12.1270

Trichromacy



Original Color

126.0710, 19.5740, 19.7180

Protanomaly

124.5630, 0.2730, 11.5770

Deuteranomaly

125.2710, 6.9670, 11.4070

Tritanomaly

125.6920, 21.9590, 15.0390

Monochromacy



Original Color

126.0710, 19.5740, 19.7180

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.6360, 7.1970, 7.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.0710, 19.5740, 19.7180 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(157, 108, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 108, 138)  
}
```

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(157, 108, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 108, 138) }
```

Border

The CSS property to change the border of an element to YIQ 126.0710, 19.5740, 19.7180 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(157, 108, 138) }
```


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

```
.border{ border-color:rgb(157, 108, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 108, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 108, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 108, 138); box-shadow:4px 4px 4px 4px rgb(157, 108, 138) }
```

Background

The CSS property to change the background color of an element to YIQ 126.0710, 19.5740, 19.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 108, 138) }
```

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

```
.background{ background-color: rgb(157,  
108, 138) }
```

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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