

Converting Colors

YIQ(121.5800, 10.7710, 19.5630)

Have a look what the booklet for
YIQ(121.5800, 10.7710, 19.5630)
contains.

YIQ(121.5800, 10.7710, 19.5630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(121.5800, 10.7710,
19.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	906A8F
RGB	144, 106, 143
RGB Percent	56%, 42%, 56%
CMY	0.4352, 0.5844, 0.4392
CMYK	0.00, 0.26, 0.01, 0.44
HSL	302°, 15%, 49%
HSV	302°, 26%, 56%
XYZ	21.6172, 18.2200, 28.3655
YIQ	121.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

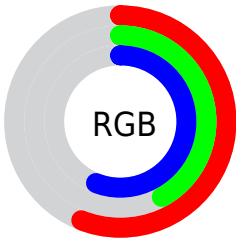
Format	Color
RYB	144, 106, 143
Decimal	9464463
CIELab	49.76, 21.75, -14.35
CIELCh	50, 26.057, 326.579
Yxy	18.2200, 0.3170, 0.2671
Android (android.graphics.Color)	4287654543 (0xFF906A8F)
YUV	121.5800, 10.5601, 19.6623
Hunter-Lab	42.6849, 15.7007, -9.5207

Details

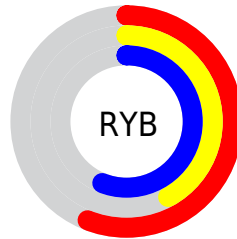
The YIQ color $121.5800, 10.7710, 19.5630$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $128.4200, -10.7710, -19.5630$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $174.4060, 11.3210, 20.6090$, and $72.4550, 9.6250, 18.3050$ is the 20% darker color. If you saturate the color by 10%, you get $113.3620, 14.6210, 26.8850$, and if you desaturate by 10%, it is $129.7980, 6.9210, 12.2410$.

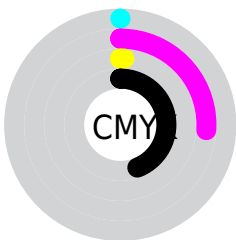
Distribution



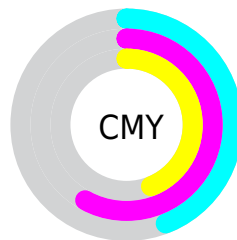
- Red (56%)
- Green (42%)
- Blue (56%)



- Red (56%)
- Yellow (42%)
- Blue (56%)



- Cyan (0%)
- Magenta (26%)
- Yellow (1%)
- Black (44%)



- Cyan (44%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.5800, 10.7710, 19.5630 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 121.5800, 10.7710, 19.5630 by changing the saturation by 10% instead.

■ 121.5800, 10.7710,
19.5630

■ 121.5800, 10.7710,
19.5630

■ 255.0000, -0.0000,
-0.0000

■ 96.7540, 10.2210,
18.5170

■ 174.4060, 11.3210,
20.6090

■ 72.4550, 9.6250,
18.3050

■ 202.1180, 12.1920,
21.3440

■ 49.6290, 9.0750,
17.2590

■ 230.1180, 12.1920,
21.3440

■ 27.3300, 8.4790,
17.0470

■ 246.7820, 3.8500,
7.3220

■ 11.3360, 8.3420,
14.0220

■ 0.0000, 0.0000,
0.0000

121.5800, 10.7710,
19.5630

121.5800, 10.7710,
19.5630

113.3620, 14.6210,
26.8850

129.7980, 6.9210,
12.2410

104.4430, 19.0670,
34.4190

138.7170, 2.4750,
4.7070

96.2250, 22.9170,
41.7410

146.9350, -1.3750,
-2.6150

87.3060, 27.3630,
49.2750

155.8540, -5.8210,
-10.1490

79.0880, 31.2130,
56.5970

164.0720, -9.6710,
-17.4710

70.8700, 35.0630,
63.9190

172.2900,
-13.5210, -24.7930

61.9510, 39.5090,
71.4530


181.2090,
-17.9670, -32.3270

59.0160, 40.8840,

189.4270,

74.0680

-21.8170, -39.6490

 198.2320,
-25.9420, -47.4940

Harmonies

Analogous

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



120.2120, -11.7400, 14.5320



121.5800, 10.7710, 19.5630



121.3230, 27.5520, 18.3040

Triad

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



121.5800, 10.7710, 19.5630



117.1920, 25.4020, -8.8220



103.8880, -55.8870, -16.9030

Complementary

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



121.5800, 10.7710, 19.5630



128.4200, -10.7710, -19.5630

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.



107.3600, -36.9050, -19.5050



121.5800, 10.7710, 19.5630



114.8800, 8.4850, -16.1150

Square

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



121.5800, 10.7710, 19.5630



119.0780, 34.8910, 0.9310



111.7510, -13.2010, -19.5770



107.4680, -54.2840, -7.4040

Rectangle

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



121.5800, 10.7710, 19.5630



120.5100, 34.1550, 14.2750



111.7510, -13.2010, -19.5770



104.5850, -50.6600, -18.0200

Sweetspot

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



121.5800, 10.7710, 19.5630



177.1950, 4.1250, 7.8450



110.6310, -11.6020, 12.0300



88.7170, 2.4750, 4.7070



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.5800, 10.7710, 19.5630



151.2530, 16.5460, 30.5460



119.4140, 16.8700, 13.6540



66.8910, 1.9250, 3.6610



55.4130, 38.0880, 69.6720



3.1900, 2.5210, 3.8730

Inverse Universe

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



121.5800, 10.7710, 19.5630



151.2530, 16.5460, 30.5460



130.5860, -16.8700, -13.6540



66.8910, 1.9250, 3.6610



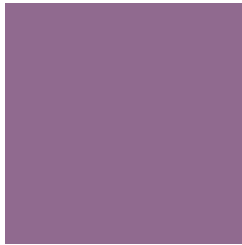
55.4130, 38.0880, 69.6720



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 121.5800, 10.7710, 19.5630 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 121.5800, 10.7710, 19.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

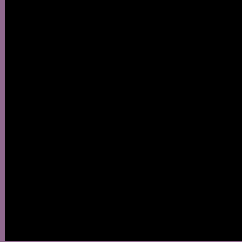
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.5800, 10.7710, 19.5630

Background



This preview shows how black text looks on a background with the YIQ color 121.5800, 10.7710, 19.5630.



This preview shows how white text looks on a background with the YIQ color 121.5800, 10.7710,

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

121.5800, 10.7710, 19.5630

Protanopia

118.7830, -15.0860, 9.0900

Deuteranopia

119.7470, -6.2370, 8.4110



Tritanopia

120.2950, 15.5870, 9.3710

Trichromacy



Original Color

121.5800, 10.7710, 19.5630

Protanomaly

119.6810, -5.8710, 12.7930

Deuteranomaly

120.2040, -0.0940, 12.7220

Tritanomaly

121.0330, 13.5690, 12.9050

Monochromacy



Original Color

121.5800, 10.7710, 19.5630

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.5800, 10.7710, 19.5630 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(144, 106, 143)` looks like.

```
.text, #text, p{  
    color:rgb(144, 106, 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(144, 106, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 106, 143) }
```

Border

The CSS property to change the border of an element to YIQ 121.5800, 10.7710, 19.5630 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(144, 106, 143) }
```


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

```
.border{ border-color:rgb(144, 106, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 106, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 106, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 106, 143);  
box-shadow:4px 4px 4px 4px rgb(144, 106,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 121.5800, 10.7710, 19.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 106, 143) }
```

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

```
.background{ background-color: rgb(144,  
106, 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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