

Converting Colors

YIQ(118.9810, 2.1520, 16.0720)

Have a look what the booklet for
YIQ(118.9810, 2.1520, 16.0720)
contains.

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Color

**YIQ(118.9810, 2.1520,
16.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	836C90
RGB	131, 108, 144
RGB Percent	51%, 42%, 56%
CMY	0.4862, 0.5765, 0.4353
CMYK	0.09, 0.25, 0.00, 0.44
HSL	278°, 14%, 49%
HSV	278°, 25%, 56%
XYZ	19.7583, 17.5634, 28.7323
YIQ	118.9810, 2.1520, 16.0720

Conversions

Conversions Part 2

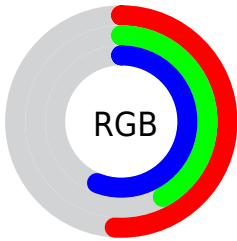
Format	Color
R_{YB}	131, 108, 144
Decimal	8613008
CIE _{Lab}	48.96, 16.18, -16.28
CIE _{LCh}	49, 22.954, 314.831
Yxy	17.5634, 0.2991, 0.2659
Android (android.graphics.Color)	4286803088 (0xFF836C90)
YUV	118.9810, 12.3344, 10.5407
Hunter-Lab	41.9088, 10.8154, -11.3126

Details

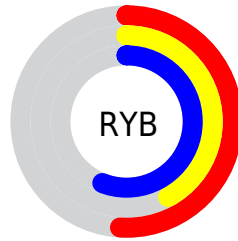
The YIQ color **118.9810, 2.1520, 16.0720** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **133.0190, -2.1520, -16.0720**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5080, 2.1060, 16.9060**, and **70.1550, 1.6020, 15.0260** is the 20% darker color. If you saturate the color by 10%, you get **109.2680, 3.0220, 22.3340**, and if you desaturate by 10%, it is **128.6940, 1.2820, 9.8100**.

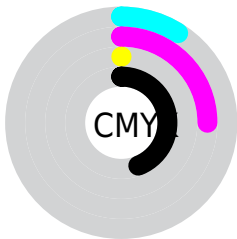
Distribution



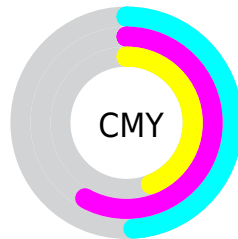
- Red (51%)
- Green (42%)
- Blue (56%)



- Red (51%)
- Yellow (42%)
- Blue (56%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.9810, 2.1520, 16.0720 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 118.9810, 2.1520, 16.0720 by changing the saturation by 10% instead.

■ 118.9810, 2.1520,
16.0720

■ 118.9810, 2.1520,
16.0720

■ 255.0000, -0.0000,
-0.0000

■ 94.4540, 2.1980,
15.2380

■ 171.5080, 2.1060,
16.9060

■ 70.1550, 1.6020,
15.0260

■ 198.9210, 2.3810,
17.4290

■ 47.6280, 1.6480,
14.1920

■ 226.7470, 2.9310,
18.4750

■ 26.6880, 1.4190,
12.8350

■ 247.9560, 3.3000,
6.2760

■ 7.2640, -0.3230,
11.3650

■ 0.0000, 0.0000,
0.0000

■ 118.9810, 2.1520,
16.0720

■ 118.9810, 2.1520,
16.0720

■ 109.2680, 3.0220,
22.3340

■ 128.6940, 1.2820,
9.8100

■ 98.9680, 4.1670,
29.1190

■ 138.9940, 0.1370,
3.0250

■ 88.9560, 4.4410,
35.1690

■ 149.0060, -0.1370,
-3.0250

■ 78.6560, 5.5860,
41.9540

■ 159.3060, -1.2820,
-9.8100

■ 68.9430, 6.4560,
48.2160

■ 169.0190, -2.1520,
-16.0720

■ 59.2300, 7.3260,
54.4780

■ 178.7320, -3.0220,
-22.3340

■ 48.9300, 8.4710,
61.2630

■ 189.0320, -4.1670,
-29.1190

■ 43.9240, 8.6080,

■ 199.0440, -4.4410,

64.2880

-35.1690

 209.3440, -5.5860,
-41.9540

Harmonies

Analogous

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



116.4560, -18.4790, 10.0090



118.9810, 2.1520, 16.0720



119.1910, 19.1160, 17.0040

Triad

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



118.9810, 2.1520, 16.0720



116.3110, 26.6850, -4.5390



105.9560, -41.3990, -15.1510

Complementary

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



118.9810, 2.1520, 16.0720



133.0190, -2.1520, -16.0720

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.



108.7700, -23.3800, -16.8200



118.9810, 2.1520, 16.0720



114.0380, 14.0320, -12.0160

Square

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



118.9810, 2.1520, 16.0720



117.6310, 31.9560, 4.5640



111.5350, -3.6650, -16.1850



106.4210, -46.9020, -9.0300

Rectangle

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



118.9810, 2.1520, 16.0720



118.9160, 27.1400, 14.7560



111.5350, -3.6650, -16.1850



106.6530, -36.1720, -16.2680

Sweetspot

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



118.9810, 2.1520, 16.0720



175.7000, 1.1450, 6.7850



119.7350, -15.1310, 4.3970



87.8200, 0.6870, 4.0710



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.



118.9810, 2.1520, 16.0720



147.1480, 3.4800, 25.0480



122.2980, 11.5050, 17.2730



66.2930, 0.7330, 3.2370



41.1040, 7.9210, 60.2170



2.4070, 0.4120, 3.5480

Inverse Universe

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



120.2460, 17.2830, 11.6750



149.0240, 26.9560, 18.0920



129.7020, -11.5050, -17.2730



66.4350, 3.2090, 2.4170



45.9510, 64.7310, 43.8590



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 118.9810, 2.1520, 16.0720 looks on a white background.

Color Contrast Check

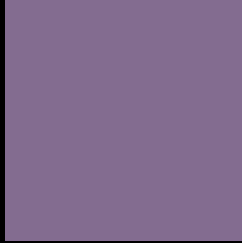
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9810, 2.1520, 16.0720 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 118.9810, 2.1520, 16.0720

Background



This preview shows how black text looks on a background with the YIQ color 118.9810, 2.1520, 16.0720.



This preview shows how white text looks on a background with the YIQ color 118.9810, 2.1520,

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

118.9810, 2.1520, 16.0720

Protanopia

116.7830, -15.0860, 9.0900

Deuteranopia

117.3060, -9.3090, 9.0190



Tritanopia

117.5110, 6.0510, 5.9790

Trichromacy



Original Color

118.9810, 2.1520, 16.0720

Protanomaly

117.1860, -8.8510, 11.7330

Deuteranomaly

117.9260, -5.1830, 11.3370

Tritanomaly

118.1350, 4.3540, 9.2020

Monochromacy



Original Color

118.9810, 2.1520, 16.0720

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.8740, 0.5950, 5.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.9810, 2.1520, 16.0720 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(131, 108, 144)` looks like.

```
.text, #text, p{  
    color:rgb(131, 108, 144)  
}
```

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(131, 108, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 108, 144) }
```

Border

The CSS property to change the border of an element to YIQ 118.9810, 2.1520, 16.0720 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(131, 108, 144) }
```


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

```
.border{ border-color:rgb(131, 108, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 108, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 108, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 108, 144);  
box-shadow:4px 4px 4px 4px rgb(131, 108,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 118.9810, 2.1520, 16.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 108, 144) }
```

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

```
.background{ background-color: rgb(131,  
108, 144) }
```

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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