

Converting Colors

YIQ(118.2980, -5.6900, 26.0380)

Have a look what the booklet for
YIQ(118.2980, -5.6900, 26.0380)
contains.

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Color

**YIQ(118.2980, -5.6900,
26.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	8167A9
RGB	129, 103, 169
RGB Percent	51%, 40%, 66%
CMY	0.4940, 0.5961, 0.3373
CMYK	0.24, 0.39, 0.00, 0.34
HSL	264°, 28%, 53%
HSV	264°, 39%, 66%
XYZ	21.0661, 17.2314, 39.7426
YIQ	118.2980, -5.6900, 26.0380

Conversions

Conversions Part 2

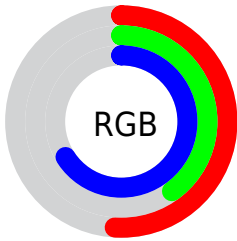
Format	Color
R_{YB}	129, 103, 169
Decimal	8480681
CIE _{Lab}	48.55, 24.35, -31.64
CIE _{LCh}	49, 39.926, 307.588
Yxy	17.2314, 0.2699, 0.2208
Android (android.graphics.Color)	4286670761 (0xFF8167A9)
YUV	118.2980, 24.9961, 9.3857
Hunter-Lab	41.5107, 17.9424, -27.7070

Details

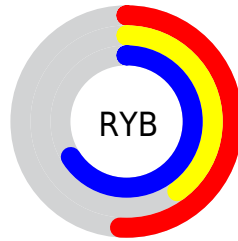
The YIQ color **118.2980, -5.6900, 26.0380** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.7020, 5.6900, -26.0380**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.7650, -5.5070, 28.2290**, and **68.9450, -6.1940, 24.1580** is the 20% darker color. If you saturate the color by 10%, you get **105.3290, -6.9750, 32.8090**, and if you desaturate by 10%, it is **131.2670, -4.4050, 19.2670**.

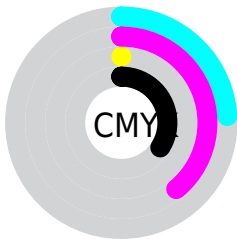
Distribution



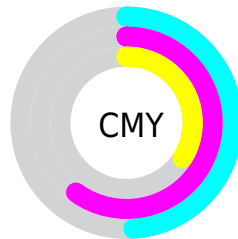
- Red (51%)
- Green (40%)
- Blue (66%)



- Red (51%)
- Yellow (40%)
- Blue (66%)



- Cyan (24%)
- Magenta (39%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (60%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.2980, -5.6900, 26.0380 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 118.2980, -5.6900, 26.0380 by changing the saturation by 10% instead.

■ 118.2980, -5.6900,
26.0380

■ 118.2980, -5.6900,
26.0380

■ 255.0000, -0.0000,
-0.0000

■ 93.3580, -5.9190,
24.6810

■ 170.7650, -5.5070,
28.2290

■ 68.8310, -5.8730,
23.8470

■ 198.1780, -5.2320,
28.7520

■ 45.7060, -7.0190,
22.5890

■ 223.5130, 3.7100,
20.8780

■ 23.4670, -7.8440,
21.0200

■ 244.4340, 4.9500,
9.4140

■ 6.9240, -10.8690,
15.2670

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,

0.0000

■ 118.2980, -5.6900,
26.0380

■ 118.2980, -5.6900,
26.0380

■ 105.3290, -6.9750,
32.8090

■ 131.2670, -4.4050,
19.2670

■ 92.3600, -8.2600,
39.5800

■ 144.2360, -3.1200,
12.4960

■ 79.0920, -10.1410,
46.1390

■ 157.5040, -1.2390,
5.9370

■ 66.1230, -11.4260,
52.9100

■ 170.4730, 0.0460,
-0.8340

■ 53.7410, -12.9860,
59.1580

■ 182.8550, 1.6060,
-7.0820

■ 40.7720, -14.2710,
65.9290

■ 195.8240, 2.8910,
-13.8530

■ 39.2990, -14.3170,
66.7630

■ 209.0920, 4.7720,
-20.4120

■ 222.0610, 6.0570,
-27.1830

■ 235.0300, 7.3420,
-33.9540

Harmonies

Analogous

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



110.0690, -48.0060, 10.9860



118.2980, -5.6900, 26.0380



118.6410, 27.1370, 31.3370

Triad

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



118.2980, -5.6900, 26.0380



113.3210, 47.0880, -5.3600



91.5060, -75.7830, -30.7830

Complementary

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



118.2980, -5.6900, 26.0380



153.7020, 5.6900, -26.0380

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.



98.3020, -40.1580, -32.1420



118.2980, -5.6900, 26.0380



111.1950, 29.3470, -19.7490

Square

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



118.2980, -5.6900, 26.0380



114.6940, 54.0080, 12.4080



107.4240, 0.6010, -27.4230



94.6810, -86.1010, -19.9970

Rectangle

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



118.2980, -5.6900, 26.0380



116.3730, 42.4510, 29.1310



107.4240, 0.6010, -27.4230



90.1380, -71.9310, -34.5150

Sweetspot

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



118.2980, -5.6900, 26.0380



198.9540, -2.3860, 10.2060



134.5910, -32.4610, -0.9170



97.6180, -1.5600, 6.2480



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.



118.2980, -5.6900, 26.0380



140.0010, -8.6270, 40.7250



127.8660, 13.3820, 32.8220



77.8090, -0.7800, 3.1240



34.2140, -12.9400, 58.3240



4.6720, -1.6520, 7.9160

Inverse Universe

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



127.2940, 26.4960, 26.4320



153.9790, 41.1650, 41.4290



144.1340, -13.3820, -32.8220



78.9620, 3.1630, 3.2510



54.5120, 59.3180, 59.3660



7.3480, 8.0680, 7.9720

Previews

White Background



This preview shows how the YIQ color 118.2980, -5.6900, 26.0380 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 118.2980, -5.6900, 26.0380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

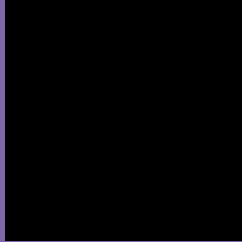
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 118.2980, -5.6900, 26.0380

Background



This preview shows how black text looks on a background with the YIQ color 118.2980, -5.6900, 26.0380.



This preview shows how white text looks on a background with the YIQ color 118.2980, -5.6900,

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

118.2980, -5.6900, 26.0380

Protanopia

114.1310, -33.3810, 15.7630

Deuteranopia

114.3610, -28.3370, 12.4550



Tritanopia

116.4180, 1.8790, 4.4950

Trichromacy



Original Color

118.2980, -5.6900, 26.0380

Protanomaly

115.3280, -23.5700, 19.6780

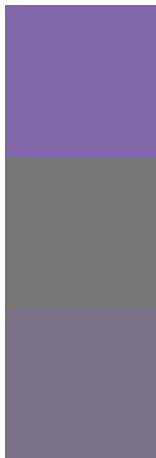
Deuteranomaly

115.7150, -20.4060, 17.4020

Tritanomaly

116.9050, -0.6900, 12.5100

Monochromacy



Original Color

118.2980, -5.6900, 26.0380

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.4270, -2.3400, 9.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2980, -5.6900, 26.0380 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(129, 103, 169)` looks like.

```
.text, #text, p{  
    color:rgb(129, 103, 169)  
}
```

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(129, 103, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 103, 169) }
```

Border

The CSS property to change the border of an element to YIQ 118.2980, -5.6900, 26.0380 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(129, 103, 169) }
```


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

```
.border{ border-color:rgb(129, 103, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 103, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 103, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 103, 169);  
box-shadow:4px 4px 4px 4px rgb(129, 103,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2980, -5.6900, 26.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 103, 169) }
```

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

```
.background{ background-color: rgb(129,  
103, 169) }
```

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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