

Converting Colors

YIQ(118.7270, -11.5120,
21.4160)

Have a look what the booklet for
YIQ(118.7270, -11.5120, 21.4160)
contains.

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Color

**YIQ(118.7270, -11.5120,
21.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	796CA8
RGB	121, 108, 168
RGB Percent	47%, 42%, 66%
CMY	0.5254, 0.5765, 0.3413
CMYK	0.28, 0.36, 0.00, 0.34
HSL	253°, 26%, 54%
HSV	253°, 36%, 66%
XYZ	20.3153, 17.6165, 39.3639
YIQ	118.7270, -11.5120, 21.4160

Conversions

Conversions Part 2

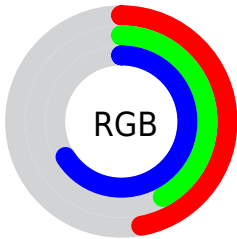
Format	Color
R _Y B	121, 108, 168
Decimal	7957672
CIE Lab	49.03, 18.66, -30.36
CIE LCh	49, 35.635, 301.574
Yxy	17.6165, 0.2628, 0.2279
Android (android.graphics.Color)	4286147752 (0xFF796CA8)
YUV	118.7270, 24.2916, 1.9934
Hunter-Lab	41.9720, 12.9466, -26.2254

Details

The YIQ color **118.7270, -11.5120, 21.4160** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **157.2730, 11.5120, -21.4160**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.6670, -11.2830, 22.7730**, and **69.3740, -12.0160, 19.5360** is the 20% darker color. If you saturate the color by 10%, you get **104.8610, -14.5850, 27.5510**, and if you desaturate by 10%, it is **132.5930, -8.4390, 15.2810**.

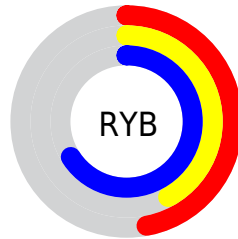
Distribution



Red (47%)

Green (42%)

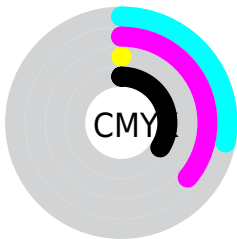
Blue (66%)



Red (47%)

Yellow (42%)

Blue (66%)

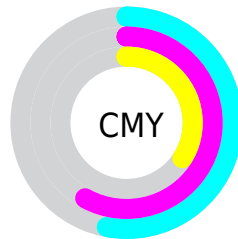


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (58%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.7270, -11.5120, 21.4160 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 118.7270, -11.5120, 21.4160 by changing the saturation by 10% instead.

■ 118.7270,
-11.5120, 21.4160

■ 118.7270,
-11.5120, 21.4160

■ 255.0000, -0.0000,
-0.0000

■ 93.7870, -11.7410,
20.0590

■ 171.0800,
-11.0080, 23.2960

■ 69.3740, -12.0160,
19.5360

■ 198.3080,
-11.6500, 23.9180

■ 47.0210, -12.5200,
17.6560

■ 223.7570, -3.0290,
16.3550

■ 24.4830, -13.9410,
15.8750

■ 247.9560, 3.3000,
6.2760

■ 5.1300, -14.4450,
13.9950

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,

0.0000

■ 118.7270,
-11.5120, 21.4160

■ 118.7270,
-11.5120, 21.4160

■ 104.8610,
-14.5850, 27.5510

■ 132.5930, -8.4390,
15.2810

■ 90.9950, -17.6580,
33.6860

■ 146.4590, -5.3660,
9.1460

■ 77.7160, -21.0060,
39.2980

■ 159.7380, -2.0180,
3.5340

■ 63.5510, -24.6750,
45.2210

■ 173.9030, 1.6510,
-2.3890

■ 49.6850, -27.7480,
51.3560

■ 187.7690, 4.7240,
-8.5240

■ 35.8190, -30.8210,
57.4910

■ 201.6350, 7.7970,
-14.6590

■ 29.9160, -32.4720,
59.8800

■ 215.5010, 10.8700,
-20.7940

■ 228.7800, 14.2180,
-26.4060

■ 240.2980, 18.3910,
-30.4490

Harmonies

Analogous

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



110.6620, -48.4180, 7.4380



118.7270, -11.5120, 21.4160



119.9280, 18.8390, 27.5350

Triad

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



118.7270, -11.5120, 21.4160



116.1730, 44.7490, -1.5150



90.8220, -73.8570, -32.6490

Complementary

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



118.7270, -11.5120, 21.4160



157.2730, 11.5120, -21.4160

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.



105.3640, -25.5330, -27.3650



118.7270, -11.5120, 21.4160



113.5420, 29.9880, -14.8440

Square

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



118.7270, -11.5120, 21.4160



117.1110, 48.4600, 13.8360



110.4680, 6.4690, -23.6350



93.6550, -83.2120, -22.7960

Rectangle

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



118.7270, -11.5120, 21.4160



118.6000, 34.3820, 26.6860



110.4680, 6.4690, -23.6350



96.8580, -56.3430, -30.6710

Sweetspot

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



118.7270, -11.5120, 21.4160



199.2310, -4.7240, 8.5240



142.4290, -32.1850, -5.9210



97.6070, -3.0270, 5.3010



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.



118.7270, -11.5120, 21.4160



141.6960, -18.2540, 33.4740



127.6970, 6.3680, 27.7760



77.5100, -1.3760, 2.9120



26.4400, -28.4360, 52.8120



3.4760, -4.0360, 7.0680

Inverse Universe

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



131.2980, 20.6730, 27.3370



161.5420, 32.2700, 42.9420



148.3030, -6.3680, -27.7760



79.0760, 2.8420, 3.5620



57.4760, 50.9720, 67.4520



7.8040, 6.7840, 9.2160

Previews

White Background



This preview shows how the YIQ color 118.7270, -11.5120, 21.4160 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 118.7270, -11.5120, 21.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

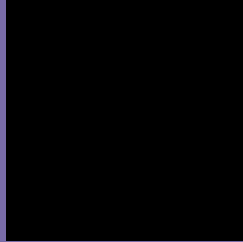
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.7270, -11.5120, 21.4160

Background



This preview shows how black text looks on a background with the YIQ color 118.7270, -11.5120, 21.4160.



This preview shows how white text looks on a background with the YIQ color 118.7270, -11.5120,

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

118.7270, -11.5120, 21.4160

Protanopia

116.2300, -29.3460, 14.2220

Deuteranopia

115.7310, -26.5030, 12.2570



Tritanopia

116.8300, -5.2730, 1.9510

Trichromacy



Original Color

118.7270, -11.5120, 21.4160

Protanomaly

116.9320, -22.5150, 17.0770

Deuteranomaly

116.4760, -21.2310, 15.8330

Tritanomaly

117.6760, -7.4750, 8.8210

Monochromacy



Original Color

118.7270, -11.5120, 21.4160

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0030, -4.0820, 7.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.7270, -11.5120, 21.4160 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(121, 108, 168)` looks like.

```
.text, #text, p{  
    color:rgb(121, 108, 168)  
}
```

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(121, 108, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 108, 168) }
```

Border

The CSS property to change the border of an element to YIQ 118.7270, -11.5120, 21.4160 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(121, 108, 168) }
```


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

```
.border{ border-color:rgb(121, 108, 168) }
```

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

Here you see how a box with a 4 pixel rgb(121, 108, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 108, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 108, 168);  
box-shadow:4px 4px 4px 4px rgb(121, 108,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 118.7270, -11.5120, 21.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 108, 168) }
```

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

```
.background{ background-color: rgb(121,  
108, 168) }
```

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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