

Converting Colors

YIQ(126.5400, -0.9200, 16.6800)

Have a look what the booklet for
YIQ(126.5400, -0.9200, 16.6800)
contains.

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Color

**YIQ(126.5400, -0.9200,
16.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	88749C
RGB	136, 116, 156
RGB Percent	53%, 45%, 61%
CMY	0.4666, 0.5451, 0.3883
CMYK	0.13, 0.26, 0.00, 0.39
HSL	270°, 17%, 53%
HSV	270°, 26%, 61%
XYZ	22.4008, 20.1247, 34.1524
YIQ	126.5400, -0.9200, 16.6800

Conversions

Conversions Part 2

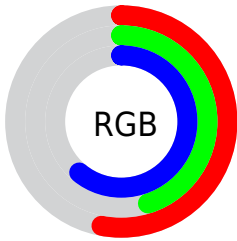
Format	Color
R_{YB}	136, 116, 156
Decimal	8942748
CIE _{Lab}	51.98, 15.84, -18.69
CIE _{LCh}	52, 24.496, 310.289
Yxy	20.1247, 0.2921, 0.2625
Android (android.graphics.Color)	4287132828 (0xFF88749C)
YUV	126.5400, 14.5238, 8.2964
Hunter-Lab	44.8605, 10.6268, -13.7352

Details

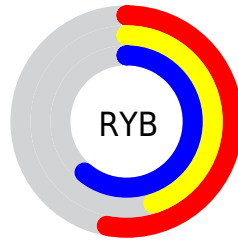
The YIQ color $126.5400, -0.9200, 16.6800$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $145.4600, 0.9200, -16.6800$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.4800, -0.6910, 18.0370$, and $77.6000, -1.1490, 15.3230$ is the 20% darker color. If you saturate the color by 10%, you get $114.7560, -1.2880, 23.3520$, and if you desaturate by 10%, it is $138.3240, -0.5520, 10.0080$.

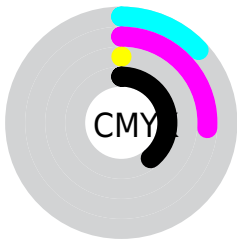
Distribution



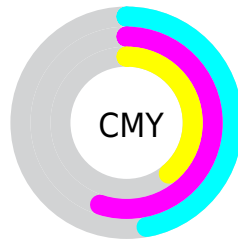
- Red (53%)
- Green (45%)
- Blue (61%)



- Red (53%)
- Yellow (45%)
- Blue (61%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (55%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.5400, -0.9200, 16.6800 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 126.5400, -0.9200, 16.6800 by changing the saturation by 10% instead.

■ 126.5400, -0.9200,
16.6800

■ 126.5400, -0.9200,
16.6800

■ 255.0000, -0.0000,
-0.0000

■ 101.1270, -1.1950,
16.1570

■ 179.4800, -0.6910,
18.0370

■ 77.6000, -1.1490,
15.3230

■ 206.8930, -0.4160,
18.5600

■ 54.0730, -1.1030,
14.4890

■ 233.5250, 3.4360,
14.8280

■ 32.2470, -1.6530,
13.4430

■ 253.2390, 0.8250,
1.5690

■ 10.3830, 0.9600,
15.6480

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,

0.0000

■ 126.5400, -0.9200,
16.6800

■ 126.5400, -0.9200,
16.6800

■ 114.7560, -1.2880,
23.3520

■ 138.3240, -0.5520,
10.0080

■ 103.5590, -1.9310,
29.5010

■ 149.5210, 0.0910,
3.8590

■ 92.0740, -1.7030,
36.3850

■ 161.0060, -0.1370,
-3.0250

■ 80.8770, -2.3460,
42.5340

■ 172.2030, 0.5060,
-9.1740

■ 69.0930, -2.7140,
49.2060

■ 183.9870, 0.8740,
-15.8460

■ 57.3090, -3.0820,
55.8780

■ 195.7710, 1.2420,
-22.5180

■ 46.1120, -3.7250,
62.0270

■ 206.9680, 1.8850,
-28.6670

■ 41.1060, -3.5880,
65.0520

■ 218.4530, 1.6570,
-35.5510

■ 229.0630, 2.5750,
-41.1770

Harmonies

Analogous

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



123.0040, -23.0180, 9.6700



126.5400, -0.9200, 16.6800



127.0600, 18.1070, 18.7710

Triad

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



126.5400, -0.9200, 16.6800



124.1050, 30.2610, -3.2670



113.3040, -42.4990, -17.2430

Complementary

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



126.5400, -0.9200, 16.6800



145.4600, 0.9200, -16.6800

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.



116.2000, -21.7750, -18.3750



126.5400, -0.9200, 16.6800



121.8920, 17.3790, -12.1010

Square

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



126.5400, -0.9200, 16.6800



125.0660, 35.1650, 6.9810



119.5630, -0.8680, -17.3160



112.5020, -51.6240, -11.5600

Rectangle

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



126.5400, -0.9200, 16.6800



126.6820, 27.9190, 17.1590



119.5630, -0.8680, -17.3160



113.5990, -36.0800, -17.9360

Sweetspot

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



126.5400, -0.9200, 16.6800



192.2160, -0.3680, 6.6720



132.3000, -18.3400, 1.9800



94.6350, -0.2300, 4.1700



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.



126.5400, -0.9200, 16.6800



157.4510, -1.7470, 26.1650



132.5200, 11.0000, 20.9200



73.1080, -0.1840, 3.3360



37.5310, -3.5870, 59.5250



4.1020, -0.0470, 6.3610

Inverse Universe

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



130.2400, 17.4200, 14.7000



163.3710, 27.5970, 22.9970



139.4800, -11.0000, -20.9200



73.8480, 3.4840, 2.9400



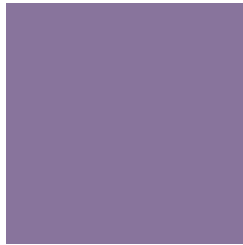
50.8510, 62.4370, 52.3970



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 126.5400, -0.9200, 16.6800 looks on a white background.

Color Contrast Check

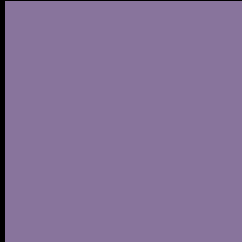
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.5400, -0.9200, 16.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

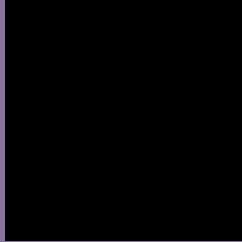
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.5400, -0.9200, 16.6800

Background



This preview shows how black text looks on a background with the YIQ color 126.5400, -0.9200, 16.6800.



This preview shows how white text looks on a background with the YIQ color 126.5400, -0.9200,

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

126.5400, -0.9200, 16.6800

Protanopia

124.6410, -17.5620, 9.9100

Deuteranopia

125.1640, -11.7850, 9.8390



Tritanopia

125.3150, 3.6670, 5.1310

Trichromacy



Original Color

126.5400, -0.9200, 16.6800

Protanomaly

125.0440, -11.3270, 12.5530

Deuteranomaly

125.7840, -7.6590, 12.1570

Tritanomaly

125.4660, 1.9240, 9.1880

Monochromacy



Original Color

126.5400, -0.9200, 16.6800

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8030, -0.6430, 6.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.5400, -0.9200, 16.6800 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(136, 116, 156)` looks like.

```
.text, #text, p{  
    color:rgb(136, 116, 156)  
}
```

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(136, 116, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 116, 156) }
```

Border

The CSS property to change the border of an element to YIQ 126.5400, -0.9200, 16.6800 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(136, 116, 156) }
```


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

```
.border{ border-color:rgb(136, 116, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 116, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 116, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 116, 156);  
box-shadow:4px 4px 4px 4px rgb(136, 116,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 126.5400, -0.9200, 16.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 116, 156) }
```

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

```
.background{ background-color: rgb(136,  
116, 156) }
```

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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