

Converting Colors

YIQ(126.4420, 28.8350, 22.5870)

Have a look what the booklet for
YIQ(126.4420, 28.8350, 22.5870)
contains.

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Color

**YIQ(126.4420, 28.8350,
22.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	A86885
RGB	168, 104, 133
RGB Percent	66%, 41%, 52%
CMY	0.3410, 0.5922, 0.4783
CMYK	0.00, 0.38, 0.21, 0.34
HSL	333°, 27%, 53%
HSV	333°, 38%, 66%
XYZ	25.3406, 19.9189, 24.7079
YIQ	126.4420, 28.8350, 22.5870

Conversions

Conversions Part 2

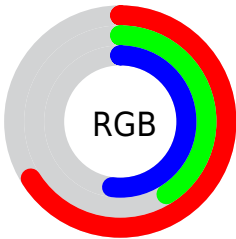
Format	Color
R_{YB}	168, 104, 133
Decimal	11036805
CIE _{Lab}	51.75, 29.80, -5.19
CIE _{LCh}	52, 30.249, 350.126
Yxy	19.9189, 0.3622, 0.2847
Android (android.graphics.Color)	4289226885 (0xFFA86885)
YUV	126.4420, 3.2331, 36.4464
Hunter-Lab	44.6306, 23.2459, -1.5821

Details

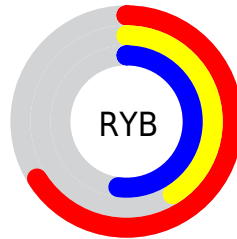
The YIQ color **126.4420, 28.8350, 22.5870** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **145.5580, -28.8350, -22.5870**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7520, 30.8980, 23.7460**, and **75.9470, 25.8550, 21.5270** is the 20% darker color. If you saturate the color by 10%, you get **115.4370, 36.3990, 28.6790**, and if you desaturate by 10%, it is **137.4470, 21.2710, 16.4950**.

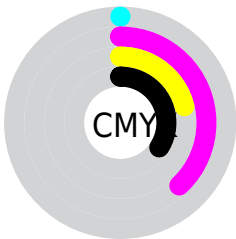
Distribution



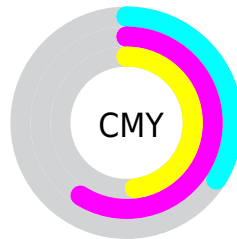
- Red (66%)
- Green (41%)
- Blue (52%)



- Red (66%)
- Yellow (41%)
- Blue (52%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (34%)



- Cyan (34%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.4420, 28.8350, 22.5870 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 126.4420, 28.8350, 22.5870 by changing the saturation by 10% instead.

■ 126.4420, 28.8350,
22.5870

■ 126.4420, 28.8350,
22.5870

■ 255.0000, -0.0000,
-0.0000

■ 100.8440, 27.6430,
22.1630

■ 179.7520, 30.8980,
23.7460

■ 75.9470, 25.8550,
21.5270

■ 207.7630, 32.3650,
24.6930

■ 51.6480, 25.2590,
21.3150

■ 227.6900, 16.2730,
18.9690

■ 27.1040, 23.9750,
22.5590

■ 246.1950, 4.1250,
7.8450

■ 14.9090, 19.8500,
14.7140

■ 0.0000, 0.0000,
0.0000

126.4420, 28.8350,
22.5870

126.4420, 28.8350,
22.5870

115.4370, 36.3990,
28.6790

137.4470, 21.2710,
16.4950

104.4320, 43.9630,
34.7710

148.4520, 13.7070,
10.4030

93.9000, 51.5730,
40.0290

158.9840, 6.0970,
5.1450

82.8950, 59.1370,
46.1210

169.9890, -1.4670,
-0.9470

71.8900, 66.7010,
52.2130

180.9940, -9.0310,
-7.0390

60.8850, 74.2650,
58.3050


191.9990,
-16.5950, -13.1310

58.8960, 75.7320,
59.2520

203.0040,
-24.1590, -19.2230

213.5360,

-31.7690, -24.4810

 224.5410,
-39.3330, -30.5730

Harmonies

Analogous

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



126.7200, 7.5610, 22.6730



126.4420, 28.8350, 22.5870



125.2720, 40.7570, 15.7730

Triad

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



126.4420, 28.8350, 22.5870



119.7620, 14.6290, -17.3310



102.8070, -77.5280, -15.6720

Complementary

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



126.4420, 28.8350, 22.5870



145.5580, -28.8350, -22.5870

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.



101.4620, -72.4830, -24.5070



126.4420, 28.8350, 22.5870



116.0240, -9.7160, -22.1640

Square

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



126.4420, 28.8350, 22.5870



122.3130, 32.3710, -8.4690



111.0560, -39.1050, -23.6890



115.9020, -49.3340, 2.0100

Rectangle

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



126.4420, 28.8350, 22.5870



124.0130, 42.6840, 8.3800



111.0560, -39.1050, -23.6890



98.5130, -85.6880, -21.9760

Sweetspot

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



126.4420, 28.8350, 22.5870



203.4300, 10.7730, 8.5090



121.4620, -0.2800, 27.1120



100.2830, 6.6930, 5.3570



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.



126.4420, 28.8350, 22.5870



153.4430, 45.4300, 35.7180



124.3100, 37.5940, 12.5220



78.8480, 3.4840, 2.9400



51.8900, 66.7010, 52.2130



7.0060, 9.0310, 7.0390

Inverse Universe

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



126.4420, 28.8350, 22.5870



153.4430, 45.4300, 35.7180



147.6900, -37.5940, -12.5220



78.8480, 3.4840, 2.9400



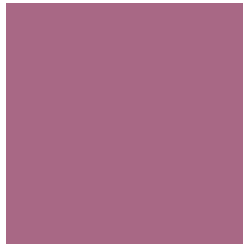
51.8900, 66.7010, 52.2130



7.0060, 9.0310, 7.0390

Previews

White Background



This preview shows how the YIQ color 126.4420, 28.8350, 22.5870 looks on a white background.

Color Contrast Check

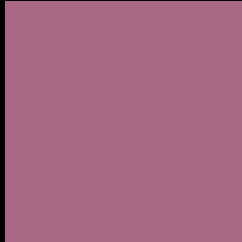
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.4420, 28.8350, 22.5870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

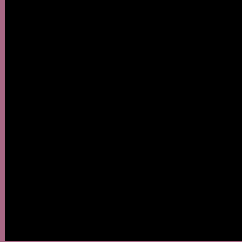
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.4420, 28.8350, 22.5870

Background



This preview shows how black text looks on a background with the YIQ color 126.4420, 28.8350, 22.5870.



This preview shows how white text looks on a background with the YIQ color 126.4420, 28.8350,

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

126.4420, 28.8350, 22.5870

Protanopia

124.6110, -8.8500, 6.2060

Deuteranopia

125.0270, 4.5380, 5.8660



Tritanopia

125.5530, 32.5960, 14.9960

Trichromacy



Original Color

126.4420, 28.8350, 22.5870

Protanomaly

125.1290, 4.4910, 12.2270

Deuteranomaly

125.5060, 13.6150, 12.0710

Tritanomaly

126.0630, 31.2200, 17.9080

Monochromacy



Original Color

126.4420, 28.8350, 22.5870

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1310, 10.1770, 8.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.4420, 28.8350, 22.5870 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(168, 104, 133)` looks like.

```
.text, #text, p{  
    color:rgb(168, 104, 133)  
}
```

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(168, 104, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 104, 133) }
```

Border

The CSS property to change the border of an element to YIQ 126.4420, 28.8350, 22.5870 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(168, 104, 133) }
```


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

```
.border{ border-color:rgb(168, 104, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 104, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 104, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 104, 133);  
box-shadow:4px 4px 4px 4px rgb(168, 104,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 126.4420, 28.8350, 22.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 104, 133) }
```

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

```
.background{ background-color: rgb(168,  
104, 133) }
```

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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