

Converting Colors

YIQ(128.4400, 5.9540, 35.2820)

Have a look what the booklet for
YIQ(128.4400, 5.9540, 35.2820)
contains.

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Color

**YIQ(128.4400, 5.9540,
35.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	9C68B6
RGB	156, 104, 182
RGB Percent	61%, 41%, 71%
CMY	0.3881, 0.5922, 0.2863
CMYK	0.14, 0.43, 0.00, 0.29
HSL	280°, 35%, 56%
HSV	280°, 43%, 71%
XYZ	27.1095, 20.3456, 46.7492
YIQ	128.4400, 5.9540, 35.2820

Conversions

Conversions Part 2

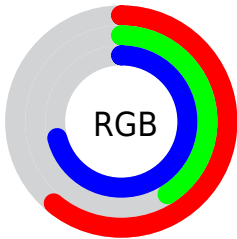
Format	Color
R _Y B	156, 104, 182
Decimal	10250422
CIE Lab	52.23, 35.05, -33.25
CIE LCh	52, 48.313, 316.510
Yxy	20.3456, 0.2878, 0.2160
Android (android.graphics.Color)	4288440502 (0xFF9C68B6)
YUV	128.4400, 26.4051, 24.1701
Hunter-Lab	45.1061, 28.3457, -29.8755

Details

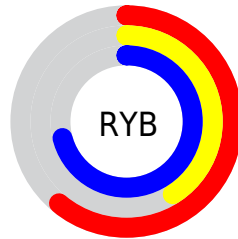
The YIQ color **128.4400, 5.9540, 35.2820** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **157.5600, -5.9540, -35.2820**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.0920, 7.0540, 37.3740**, and **77.7880, 4.8540, 33.1900** is the 20% darker color. If you saturate the color by 10%, you get **116.0800, 7.3280, 43.4240**, and if you desaturate by 10%, it is **140.8000, 4.5800, 27.1400**.

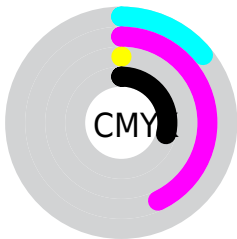
Distribution



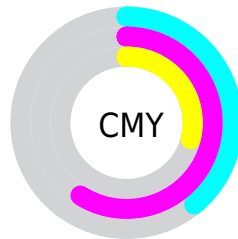
- Red (61%)
- Green (41%)
- Blue (71%)



- Red (61%)
- Yellow (41%)
- Blue (71%)



- Cyan (14%)
- Magenta (43%)
- Yellow (0%)
- Black (29%)



- Cyan (39%)
- Magenta (59%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4400, 5.9540, 35.2820 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 128.4400, 5.9540, 35.2820 by changing the saturation by 10% instead.

128.4400, 5.9540,
35.2820

128.4400, 5.9540,
35.2820

255.0000, -0.0000,
-0.0000

102.6140, 5.4040,
34.2360

182.0920, 7.0540,
37.3740

77.7880, 4.8540,
33.1900

208.5500, 11.4560,
34.6880

53.2610, 4.9000,
32.3560

229.1720, 12.1000,
23.0120

28.3750, 4.5790,
32.6670

246.1950, 4.1250,
7.8450

15.6530, 0.5000,
23.9880

4.3490, -10.8680,
9.7400

0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 128.4400, 5.9540,
35.2820

■ 128.4400, 5.9540,
35.2820

■ 116.0800, 7.3280,
43.4240

■ 140.8000, 4.5800,
27.1400

■ 103.7200, 8.7020,
51.5660

■ 153.1600, 3.2060,
18.9980

■ 90.7730, 10.3510,
60.2310

■ 166.1070, 1.5570,
10.3330

■ 78.4130, 11.7250,
68.3730

■ 178.4670, 0.1830,
2.1910

■ 66.0530, 13.0990,
76.5150

■ 190.8270, -1.1910,
-5.9510

■ 56.9270, 13.6940,
82.2540

■ 203.1870, -2.5650,
-14.0930

■ 215.5470, -3.9390,
-22.2350

■ 228.4940, -5.5880,
-30.9000

■ 233.5220, -2.7910,
-32.0310

Harmonies

Analogous

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



121.7910, -43.9270, 19.6650



128.4400, 5.9540, 35.2820



126.4690, 42.5410, 38.5170

Triad

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



128.4400, 5.9540, 35.2820



121.3890, 52.4080, -13.6720



101.8730, -87.0620, -30.1180

Complementary

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



128.4400, 5.9540, 35.2820



157.5600, -5.9540, -35.2820

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.



96.3840, -72.9840, -42.9680



128.4400, 5.9540, 35.2820



117.5440, 26.5060, -28.8380

Square

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



128.4400, 5.9540, 35.2820



123.0340, 64.5540, 8.5060



112.0260, -13.1980, -36.1580



104.3300, -98.1140, -17.0420

Rectangle

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



128.4400, 5.9540, 35.2820



124.2070, 57.7180, 33.2860



112.0260, -13.1980, -36.1580



100.2770, -82.5680, -34.4720

Sweetspot

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



128.4400, 5.9540, 35.2820



215.8130, 2.5650, 14.0930



128.1540, -32.1880, 10.6600



106.7540, 1.0530, 8.4530



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



128.4400, 5.9540, 35.2820



154.0130, 9.4350, 54.8030



134.7320, 25.6230, 36.7510



85.8200, 0.6870, 4.0710



48.8800, 11.9080, 70.5640



8.8730, 2.3360, 12.7360

Inverse Universe

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



130.2860, 38.1420, 24.6220



156.7390, 59.2760, 38.0920



151.2680, -25.6230, -36.7510



86.0330, 4.4010, 2.8410



52.5720, 76.2840, 49.2440



9.3980, 13.7990, 8.7350

Previews

White Background



This preview shows how the YIQ color 128.4400, 5.9540, 35.2820 looks on a white background.

Color Contrast Check

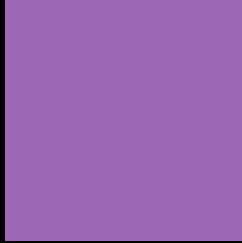
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.4400, 5.9540, 35.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

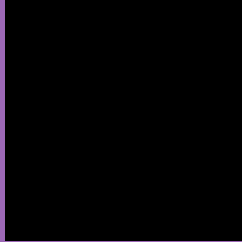
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.4400, 5.9540, 35.2820

Background



This preview shows how black text looks on a background with the YIQ color 128.4400, 5.9540, 35.2820.



This preview shows how white text looks on a background with the YIQ color 128.4400, 5.9540,

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

128.4400, 5.9540, 35.2820

Protanopia

123.1890, -39.2960, 18.3360

Deuteranopia

124.4750, -28.6580, 12.7660



Tritanopia

126.4090, 15.2660, 9.6820

Trichromacy



Original Color

128.4400, 5.9540, 35.2820

Protanomaly

124.6750, -22.9290, 24.5830

Deuteranomaly

126.1610, -15.7300, 20.7660

Tritanomaly

127.2380, 11.7340, 18.6300

Monochromacy



Original Color

128.4400, 5.9540, 35.2820

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9870, 2.0150, 13.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4400, 5.9540, 35.2820 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(156, 104, 182)` looks like.

```
.text, #text, p{  
    color:rgb(156, 104, 182)  
}
```

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(156, 104, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 104, 182) }
```

Border

The CSS property to change the border of an element to YIQ 128.4400, 5.9540, 35.2820 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(156, 104, 182) }
```


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

```
.border{ border-color:rgb(156, 104, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 104, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 104, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 104, 182);  
box-shadow:4px 4px 4px 4px rgb(156, 104,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4400, 5.9540, 35.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 104, 182) }
```

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

```
.background{ background-color: rgb(156,  
104, 182) }
```

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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