

Converting Colors

YIQ(121.1100, 6.6430, 28.2990)

Have a look what the booklet for
YIQ(121.1100, 6.6430, 28.2990)
contains.

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Color

**YIQ(121.1100, 6.6430,
28.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	9165A2
RGB	145, 101, 162
RGB Percent	57%, 40%, 64%
CMY	0.4312, 0.6040, 0.3647
CMYK	0.10, 0.38, 0.00, 0.36
HSL	283°, 25%, 52%
HSV	283°, 38%, 64%
XYZ	22.8565, 17.9353, 36.4371
YIQ	121.1100, 6.6430, 28.2990

Conversions

Conversions Part 2

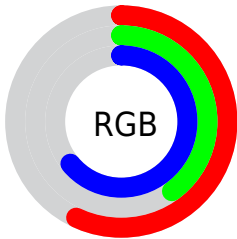
Format	Color
R_{YB}	145, 101, 162
Decimal	9528738
CIE _{Lab}	49.42, 28.96, -26.07
CIE _{LCh}	49, 38.960, 318.008
Yxy	17.9353, 0.2960, 0.2322
Android (android.graphics.Color)	4287718818 (0xFF9165A2)
YUV	121.1100, 20.1588, 20.9515
Hunter-Lab	42.3501, 22.2244, -21.3668

Details

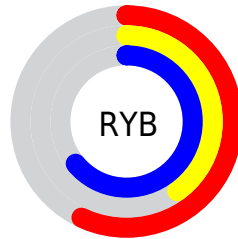
The YIQ color **121.1100, 6.6430, 28.2990** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.8900, -6.6430, -28.2990**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3490, 7.4680, 29.8680**, and **71.4580, 5.5430, 26.2070** is the 20% darker color. If you saturate the color by 10%, you get **110.5220, 8.6590, 35.8190**, and if you desaturate by 10%, it is **131.9970, 5.2230, 20.9910**.

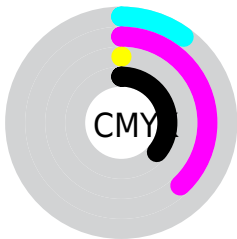
Distribution



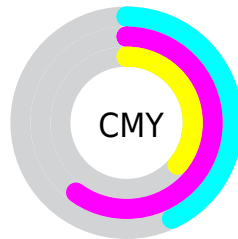
- Red (57%)
- Green (40%)
- Blue (64%)



- Red (57%)
- Yellow (40%)
- Blue (64%)



- Cyan (10%)
- Magenta (38%)
- Yellow (0%)
- Black (36%)



- Cyan (43%)
- Magenta (60%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.1100, 6.6430, 28.2990 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 121.1100, 6.6430, 28.2990 by changing the saturation by 10% instead.

■ 121.1100, 6.6430,
28.2990

■ 121.1100, 6.6430,
28.2990

■ 255.0000, -0.0000,
-0.0000

■ 95.6970, 6.3680,
27.7760

■ 174.3490, 7.4680,
29.8680

■ 71.4580, 5.5430,
26.2070

■ 201.8760, 7.4220,
30.7020

■ 47.9310, 5.5890,
25.3730

■ 226.8240, 13.2000,
25.1040

■ 24.6320, 4.9930,
25.1610

■ 243.8470, 5.2250,
9.9370

■ 12.6330, 3.2520,
18.1640

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,

0.0000

121.1100, 6.6430,
28.2990

121.1100, 6.6430,
28.2990

110.5220, 8.6590,
35.8190

131.9970, 5.2230,
20.9910

99.6350, 10.0790,
43.1270

142.5850, 3.2070,
13.4710

88.4600, 12.3700,
51.1700

154.0590, 1.5120,
5.6400

77.5730, 13.7900,
58.4780

164.6470, -0.5040,
-1.8800

66.9850, 15.8060,
65.9980

175.5340, -1.9240,
-9.1880

56.0980, 17.2260,
73.3060

186.1220, -3.9400,
-16.7080

■ 53.4510, 17.7300,
75.1860

■ 197.0090, -5.3600,
-24.0160

■ 208.1840, -7.6510,
-32.0590

■ 219.0710, -9.0710,
-39.3670

Harmonies

Analogous

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



116.7400, -30.7220, 17.1340



121.1100, 6.6430, 28.2990



119.8930, 35.1150, 29.9230

Triad

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



121.1100, 6.6430, 28.2990



115.2230, 41.3120, -10.8160



94.2760, -80.8270, -27.4750

Complementary

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



121.1100, 6.6430, 28.2990



141.8900, -6.6430, -28.2990

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.



93.4010, -62.4860, -34.9820



121.1100, 6.6430, 28.2990



112.5250, 19.4900, -22.8300

Square

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



121.1100, 6.6430, 28.2990



116.9230, 51.6250, 6.0330



107.5520, -11.5030, -28.3270



96.4080, -89.5860, -17.4100

Rectangle

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



121.1100, 6.6430, 28.2990



118.3040, 46.8990, 25.6110



107.5520, -11.5030, -28.3270



93.0220, -77.2960, -30.8960

Sweetspot

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



121.1100, 6.6430, 28.2990



195.8190, 2.4280, 11.0680



117.9330, -24.2560, 10.0800



97.5860, 1.4660, 6.4740



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



121.1100, 6.6430, 28.2990



147.5750, 10.3080, 44.4840



124.7110, 20.9480, 27.8600



75.8200, 0.6870, 4.0710



47.9250, 16.0350, 67.3550



5.9390, 1.9700, 8.3540

Inverse Universe

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



121.1770, 30.8990, 18.2190



147.7820, 48.5490, 28.7490



138.2890, -20.9480, -27.8600



76.0330, 4.4010, 2.8410



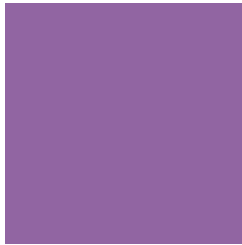
47.9150, 73.5800, 43.1800



5.9520, 9.1230, 5.3710

Previews

White Background



This preview shows how the YIQ color 121.1100, 6.6430, 28.2990 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 121.1100, 6.6430, 28.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

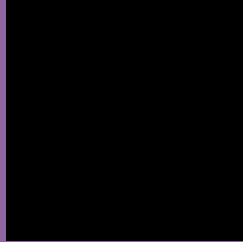
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.1100, 6.6430, 28.2990

Background



This preview shows how black text looks on a background with the YIQ color 121.1100, 6.6430, 28.2990.



This preview shows how white text looks on a background with the YIQ color 121.1100, 6.6430,

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

121.1100, 6.6430, 28.2990

Protanopia

117.2300, -29.3460, 14.2220

Deuteranopia

117.9120, -19.7630, 11.2530



Tritanopia

119.6970, 14.3950, 8.9470

Trichromacy



Original Color

121.1100, 6.6430, 28.2990

Protanomaly

118.9220, -16.5550, 19.1970

Deuteranomaly

119.2770, -10.3650, 17.1470

Tritanomaly

120.3580, 11.2760, 15.9160

Monochromacy



Original Color

121.1100, 6.6430, 28.2990

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.2920, 2.4740, 10.2340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.1100, 6.6430, 28.2990 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(145, 101, 162)` looks like.

```
.text, #text, p{  
    color:rgb(145, 101, 162)  
}
```

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(145, 101, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 101, 162) }
```

Border

The CSS property to change the border of an element to YIQ 121.1100, 6.6430, 28.2990 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(145, 101, 162) }
```


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

```
.border{ border-color:rgb(145, 101, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 101, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 101, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 101, 162);  
box-shadow:4px 4px 4px 4px rgb(145, 101,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 121.1100, 6.6430, 28.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 101, 162) }
```

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

```
.background{ background-color: rgb(145,  
101, 162) }
```

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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