

Converting Colors

YIQ(100.0290, 28.5600, 22.0640)

Have a look what the booklet for
YIQ(100.0290, 28.5600, 22.0640)
contains.

| | |
|--|----|
| YIQ(100.0290, 28.5600, 22.0640) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(100.0290, 28.5600,
22.0640)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8D4E6A |
| RGB | 141, 78, 106 |
| RGB Percent | 55%, 31%, 42% |
| CMY | 0.4469, 0.6942, 0.5842 |
| CMYK | 0.00, 0.45, 0.25, 0.45 |
| HSL | 333°, 29%, 43% |
| HSV | 333°, 45%, 55% |
| XYZ | 16.3170, 12.1526, 15.1277 |
| YIQ | 100.0290, 28.5600, 22.0640 |

Conversions

Conversions Part 2

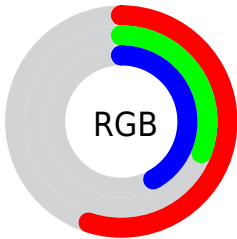
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 141, 78, 106 |
| Decimal | 9260650 |
| CIELab | 41.46, 30.23, -4.52 |
| CIELCh | 41, 30.563, 351.493 |
| Yxy | 12.1526, 0.3743, 0.2787 |
| Android (android.graphics.Color) | 4287450730 (0xFF8D4E6A) |
| YUV | 100.0290, 2.9437, 35.9316 |
| Hunter-Lab | 34.8606, 22.5437, -1.3265 |

Details

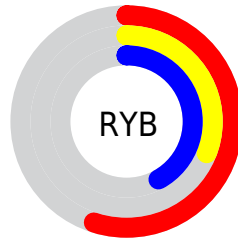
The YIQ color **100.0290, 28.5600, 22.0640** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **118.9710, -28.5600, -22.0640**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.2250, 30.9440, 22.9120**, and **50.9470, 25.8550, 21.5270** is the 20% darker color. If you saturate the color by 10%, you get **90.8990, 34.9780, 26.8980**, and if you desaturate by 10%, it is **109.1590, 22.1420, 17.2300**.

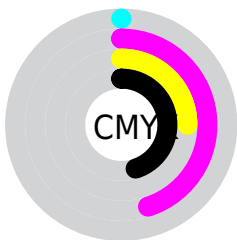
Distribution



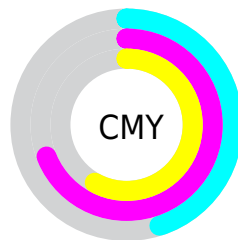
- Red (55%)
- Green (31%)
- Blue (42%)



- Red (55%)
- Yellow (31%)
- Blue (42%)



- Cyan (0%)
- Magenta (45%)
- Yellow (25%)
- Black (45%)



- Cyan (45%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.0290, 28.5600, 22.0640 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 100.0290, 28.5600, 22.0640 by changing the saturation by 10% instead.

■ 100.0290, 28.5600,
22.0640

■ 100.0290, 28.5600,
22.0640

■ 255.0000, -0.0000,
-0.0000

■ 75.4310, 27.3680,
21.6400

■ 152.2250, 30.9440,
22.9120

■ 50.9470, 25.8550,
21.5270

■ 179.2360, 32.4110,
23.8590

■ 26.2890, 24.8920,
22.4600

■ 206.9480, 33.2820,
24.5940

■ 14.6810, 20.4920,
14.0920

■ 226.8750, 17.1900,
18.8700

■ 0.0000, 0.0000,
0.0000

■ 245.6080, 4.4000,
8.3680

100.0290, 28.5600,
22.0640

100.0290, 28.5600,
22.0640

90.8990, 34.9780,
26.8980

109.1590, 22.1420,
17.2300

81.7690, 41.3960,
31.7320

118.2890, 15.7240,
12.3960

72.7530, 47.4930,
36.8770

127.4190, 9.3060,
7.5620

63.6230, 53.9110,
41.7110

136.4350, 3.2090,
2.4170

53.9060, 60.6040,
47.0680

145.5650, -3.2090,
-2.4170


49.3410, 63.8130,
49.4850

155.2820, -9.9020,
-7.7740

164.4120,
-16.3200, -12.6080

173.5420,

-22.7380, -17.4420

 182.6720,
-29.1560, -22.2760

Harmonies

Analogous

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



100.4920, 8.2030, 22.0510



100.0290, 28.5600, 22.0640



98.6740, 39.5650, 15.3490

Triad

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



100.0290, 28.5600, 22.0640



93.9790, 12.5200, -17.6560



78.9000, -73.3560, -14.1880

Complementary

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



100.0290, 28.5600, 22.0640



118.9710, -28.5600, -22.0640

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.



78.2670, -67.4400, -22.2880



100.0290, 28.5600, 22.0640



90.0670, -11.2750, -21.4430

Square

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



100.0290, 28.5600, 22.0640



96.4160, 30.5830, -9.1050



82.0060, -44.8360, -24.4520



88.8800, -52.2680, 0.1160

Rectangle

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



100.0290, 28.5600, 22.0640



97.8170, 40.3000, 7.5320



82.0060, -44.8360, -24.4520



78.8030, -71.7050, -16.5770

Sweetspot

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



100.0290, 28.5600, 22.0640



168.3160, 11.0940, 8.1980



95.6470, 0.6370, 27.0130



82.2830, 6.6930, 5.3570



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



100.0290, 28.5600, 22.0640



119.0300, 45.1550, 35.1950



98.5980, 36.7230, 11.7870



66.4350, 3.2090, 2.4170



47.2050, 61.2000, 47.2800



2.7340, 3.8050, 2.6290

Inverse Universe

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



100.0290, 28.5600, 22.0640



119.0300, 45.1550, 35.1950



120.4020, -36.7230, -11.7870



66.4350, 3.2090, 2.4170



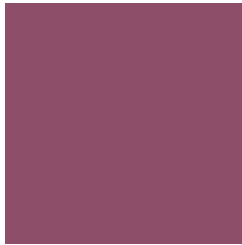
47.2050, 61.2000, 47.2800



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 100.0290, 28.5600, 22.0640 looks on a white background.

Color Contrast Check

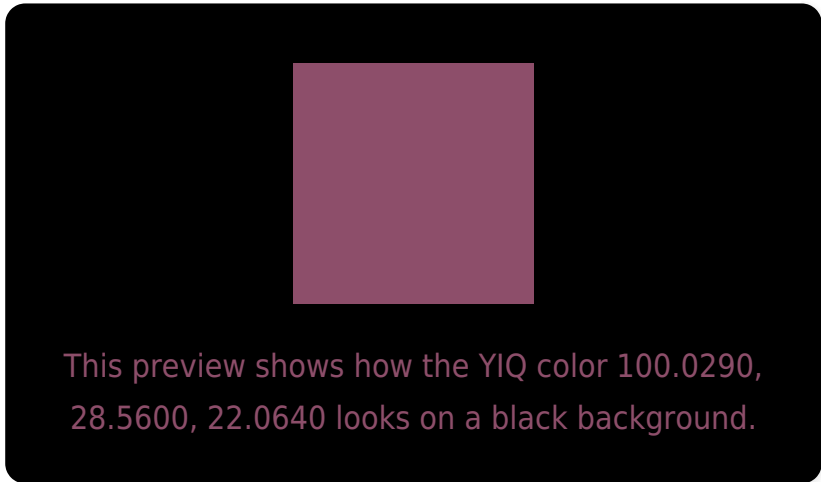
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

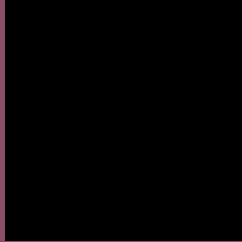
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.0290, 28.5600, 22.0640

Background



This preview shows how black text looks on a background with the YIQ color 100.0290, 28.5600, 22.0640.



This preview shows how white text looks on a background with the YIQ color 100.0290, 28.5600,

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

100.0290, 28.5600, 22.0640

Protanopia

98.6110, -8.8500, 6.2060

Deuteranopia

99.2010, 3.9880, 4.8200



Tritanopia

99.0260, 32.6420, 14.1620

Trichromacy



Original Color

100.0290, 28.5600, 22.0640

Protanomaly

99.0150, 4.8120, 11.9160

Deuteranomaly

99.6800, 13.0650, 11.0250

Tritanomaly

99.5360, 31.2660, 17.0740

Monochromacy



Original Color

100.0290, 28.5600, 22.0640

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.0170, 10.4980, 7.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.0290, 28.5600, 22.0640 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(141, 78, 106)` looks like.

```
.text, #text, p{  
    color:rgb(141, 78, 106)  
}
```

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(141, 78, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 78, 106) }
```

Border

The CSS property to change the border of an element to YIQ 100.0290, 28.5600, 22.0640 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(141, 78, 106) }
```


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

```
.border{ border-color:rgb(141, 78, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 78, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 78, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 78, 106);  
box-shadow:4px 4px 4px 4px rgb(141, 78,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 100.0290, 28.5600, 22.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 78, 106) }
```

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

```
.background{ background-color: rgb(141, 78,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor