

Converting Colors

YIQ(112.6900, 16.2730, 18.9690)

Have a look what the booklet for
YIQ(112.6900, 16.2730, 18.9690)
contains.

YIQ(112.6900, 16.2730, 18.9690)	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(112.6900, 16.2730,
18.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	8C607F
RGB	140, 96, 127
RGB Percent	55%, 38%, 50%
CMY	0.4509, 0.6236, 0.5019
CMYK	0.00, 0.31, 0.09, 0.45
HSL	318°, 19%, 46%
HSV	318°, 31%, 55%
XYZ	18.8332, 15.4732, 22.0762
YIQ	112.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

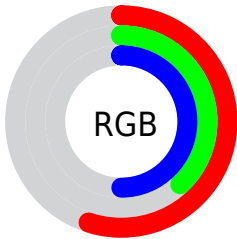
Format	Color
R_{YB}	140, 96, 127
Decimal	9199743
CIE _{Lab}	46.28, 23.07, -10.12
CIE _{LCh}	46, 25.190, 336.305
Yxy	15.4732, 0.3340, 0.2744
Android (android.graphics.Color)	4287389823 (0xFF8C607F)
YUV	112.6900, 7.0548, 23.9509
Hunter-Lab	39.3359, 16.6240, -5.7397

Details

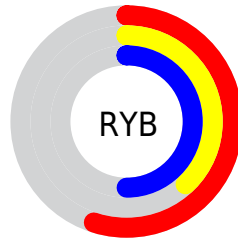
The YIQ color **112.6900, 16.2730, 18.9690** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.3100, -16.2730, -18.9690**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8150, 17.4190, 20.2270**, and **64.2660, 14.5310, 17.4990** is the 20% darker color. If you saturate the color by 10%, you get **104.0160, 21.4070, 25.0470**, and if you desaturate by 10%, it is **121.3640, 11.1390, 12.8910**.

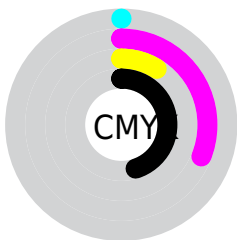
Distribution



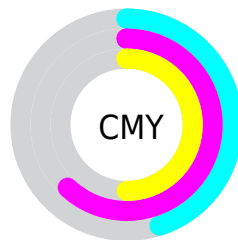
- Red (55%)
- Green (38%)
- Blue (50%)



- Red (55%)
- Yellow (38%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (9%)
- Black (45%)





- Cyan (45%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.6900, 16.2730, 18.9690 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 112.6900, 16.2730, 18.9690 by changing the saturation by 10% instead.


 112.6900, 16.2730,
18.9690


 112.6900, 16.2730,
18.9690


255.0000, -0.0000,
-0.0000


 87.9780, 15.4020,
18.2340


 164.8150, 17.4190,
20.2270

 64.2660, 14.5310,
17.4990


 192.1140, 18.0150,
20.4390

 40.9670, 13.9350,
17.2870

 219.9400, 18.5650,
21.4850

 18.7820, 13.0180,
17.3860

 240.3250, 6.8750,
13.0750

 5.2120, 5.4550,
5.7670

 0.0000, 0.0000,
0.0000

■ 112.6900, 16.2730,
18.9690

■ 112.6900, 16.2730,
18.9690

■ 104.0160, 21.4070,
25.0470

■ 121.3640, 11.1390,
12.8910

■ 95.3420, 26.5410,
31.1250

■ 130.0380, 6.0050,
6.8130

■ 86.6680, 31.6750,
37.2030

■ 138.7120, 0.8710,
0.7350

■ 77.8800, 37.1300,
42.9700

■ 147.5000, -4.5840,
-5.0320

■ 69.2060, 42.2640,
49.0480

■ 156.1740, -9.7180,
-11.1100

■ 60.5320, 47.3980,
55.1260


■ 164.8480,
-14.8520, -17.1880

■ 53.1460, 51.6610,
60.4690

■ 173.5220,
-19.9860, -23.2660

■ 182.1960,

-25.1200, -29.3440

 190.8700,
-30.2540, -35.4220

Harmonies

Analogous

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



112.1590, -4.2210, 15.9310



112.6900, 16.2730, 18.9690



111.8240, 30.3950, 16.3390

Triad

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



112.6900, 16.2730, 18.9690



108.0880, 19.7630, -11.2530



95.2840, -56.9420, -14.3020

Complementary

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



112.6900, 16.2730, 18.9690



123.3100, -16.2730, -18.9690

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.



97.4780, -43.0490, -18.2890



112.6900, 16.2730, 18.9690



105.6450, 1.8370, -16.7790

Square

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



112.6900, 16.2730, 18.9690



109.8170, 31.1320, -2.5320



102.1570, -20.2160, -19.0960



100.8110, -47.8200, -3.4040

Rectangle

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



112.6900, 16.2730, 18.9690



111.4020, 34.3390, 10.9390



102.1570, -20.2160, -19.0960



95.4860, -54.6950, -16.4790

Sweetspot

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



112.6900, 16.2730, 18.9690



171.0380, 6.0050, 6.8130



104.6040, -6.9720, 16.2280



85.7880, 3.7130, 4.2970



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.



112.6900, 16.2730, 18.9690



138.2170, 25.3950, 29.8670



110.2960, 23.0140, 12.4380



64.6630, 2.5670, 3.0390



50.3690, 49.4150, 57.1190



1.9510, 1.6960, 2.3040

Inverse Universe

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



112.6900, 16.2730, 18.9690



138.2170, 25.3950, 29.8670



125.7040, -23.0140, -12.4380



64.6630, 2.5670, 3.0390



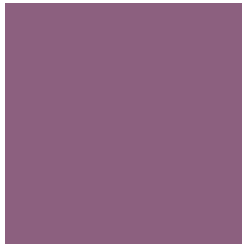
50.3690, 49.4150, 57.1190



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 112.6900, 16.2730, 18.9690 looks on a white background.

Color Contrast Check

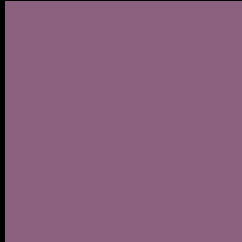
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6900, 16.2730, 18.9690 looks on a 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 112.6900, 16.2730, 18.9690

Background



This preview shows how black text looks on a background with the YIQ color 112.6900, 16.2730, 18.9690.



This preview shows how white text looks on a background with the YIQ color 112.6900, 16.2730,

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

112.6900, 16.2730, 18.9690

Protanopia

110.5830, -11.6470, 7.3370

Deuteranopia

111.1450, -1.6060, 7.0820



Tritanopia

112.1600, 20.4010, 10.2330

Trichromacy



Original Color

112.6900, 16.2730, 18.9690

Protanomaly

111.1930, -1.5610, 11.7750

Deuteranomaly

111.6020, 4.5370, 11.3930

Tritanomaly

112.6700, 19.0250, 13.1450

Monochromacy



Original Color

112.6900, 16.2730, 18.9690

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.0380, 6.0050, 6.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.6900, 16.2730, 18.9690 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(140, 96, 127)` looks like.

```
.text, #text, p{  
    color:rgb(140, 96, 127)  
}
```

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(140, 96, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 96, 127) }
```

Border

The CSS property to change the border of an element to YIQ 112.6900, 16.2730, 18.9690 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(140, 96, 127) }
```


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

```
.border{ border-color:rgb(140, 96, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 96, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 96, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 96, 127);  
box-shadow:4px 4px 4px 4px rgb(140, 96,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 112.6900, 16.2730, 18.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 96, 127) }
```

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

```
.background{ background-color: rgb(140, 96,  
127) }
```

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