

Converting Colors

YIQ(129.6900, 25.4410, 29.0330)

Have a look what the booklet for
YIQ(129.6900, 25.4410, 29.0330)
contains.

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Color

**YIQ(129.6900, 25.4410,
29.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6897
RGB	172, 104, 151
RGB Percent	67%, 41%, 59%
CMY	0.3253, 0.5923, 0.4078
CMYK	0.00, 0.40, 0.12, 0.33
HSL	319°, 29%, 54%
HSV	319°, 40%, 67%
XYZ	27.5587, 20.9060, 31.8679
YIQ	129.6900, 25.4410, 29.0330

Conversions

Conversions Part 2

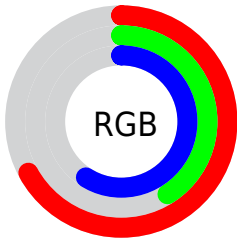
Format	Color
R _Y B	172, 104, 151
Decimal	11298967
CIE _{Lab}	52.85, 34.18, -14.09
CIE _{LCh}	53, 36.973, 337.602
Y _{xy}	20.9060, 0.3431, 0.2602
Android (android.graphics.Color)	4289489047 (0xFFAC6897)
Y _{UV}	129.6900, 10.5058, 37.1059
Hunter-Lab	45.7230, 27.5720, -9.3176

Details

The YIQ color **129.6900, 25.4410, 29.0330** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.3100, -25.4410, -29.0330**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.4130, 27.7790, 30.7150**, and **78.3800, 23.3780, 27.8740** is the 20% darker color. If you saturate the color by 10%, you get **119.1410, 31.7210, 36.3690**, and if you desaturate by 10%, it is **140.2390, 19.1610, 21.6970**.

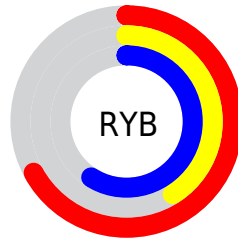
Distribution



Red (67%)

Green (41%)

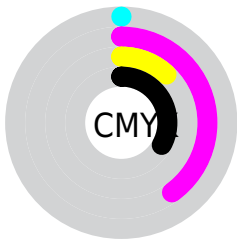
Blue (59%)



Red (67%)

Yellow (41%)

Blue (59%)

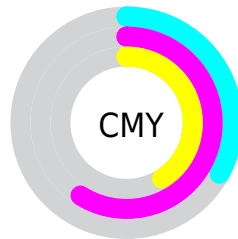


Cyan (0%)

Magenta (40%)

Yellow (12%)

Black (33%)



Cyan (33%)


Magenta (59%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.6900, 25.4410, 29.0330 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 129.6900, 25.4410, 29.0330 by changing the saturation by 10% instead.


 129.6900, 25.4410,
29.0330


 129.6900, 25.4410,
29.0330


255.0000, -0.0000,
-0.0000

 103.9780, 24.5700,
28.2980


 183.4130, 27.7790,
30.7150


 78.3800, 23.3780,
27.8740


 210.8150, 26.5870,
30.2910


 53.7820, 22.1860,
27.4500

 229.7590, 11.8250,
22.4890

 27.8360, 22.0940,
29.1180

 246.1950, 4.1250,
7.8450

 17.1030, 16.5480,
19.4920

 2.5490, 2.8880,
2.7280

 0.0000, 0.0000,

0.0000

■ 129.6900, 25.4410,
29.0330

■ 129.6900, 25.4410,
29.0330

■ 119.1410, 31.7210,
36.3690

■ 140.2390, 19.1610,
21.6970

■ 108.4780, 38.3220,
43.3940

■ 150.9020, 12.5600,
14.6720

■ 97.3420, 44.8770,
51.2530

■ 162.0380, 6.0050,
6.8130

■ 86.7930, 51.1570,
58.5890

■ 172.5870, -0.2750,
-0.5230

■ 76.1300, 57.7580,
65.6140

■ 183.2500, -6.8760,
-7.5480

■ 65.5810, 64.0380,
72.9500

■ 193.7990,
-13.1560, -14.8840

■ 64.9940, 64.3130,
73.4730

■ 204.3480,
-19.4360, -22.2200

■ 215.5980,
-26.3120, -29.7680

■ 223.7990,
-31.4920, -35.0120

Harmonies

Analogous

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



129.5430, -5.0020, 24.5820



129.6900, 25.4410, 29.0330



127.8800, 45.1570, 24.1410

Triad

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



129.6900, 25.4410, 29.0330



122.7650, 27.7420, -18.1940



101.4630, -91.4190, -22.7390

Complementary

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



129.6900, 25.4410, 29.0330



146.3100, -25.4410, -29.0330

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.



99.1030, -82.0180, -33.4260



129.6900, 25.4410, 29.0330



119.3640, 0.8300, -26.0660

Square

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



129.6900, 25.4410, 29.0330



125.0650, 44.9330, -4.8510



112.5200, -34.8400, -29.4000



100.8080, -96.4640, -13.9040

Rectangle

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



129.6900, 25.4410, 29.0330



127.2470, 51.0730, 16.0410



112.5200, -34.8400, -29.4000



101.0240, -88.8050, -26.0610

Sweetspot

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



129.6900, 25.4410, 29.0330



207.2390, 9.9930, 11.6330



117.7320, -9.9080, 25.3880



102.0380, 6.0050, 6.8130



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



129.6900, 25.4410, 29.0330



158.7170, 39.1470, 44.9630



125.9280, 36.0340, 18.7700



81.3750, 3.4380, 3.7740



56.7060, 56.0160, 64.1440



8.7010, 8.5720, 9.8520

Inverse Universe

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



129.6900, 25.4410, 29.0330



158.7170, 39.1470, 44.9630



150.0720, -36.0340, -18.7700



81.3750, 3.4380, 3.7740



56.7060, 56.0160, 64.1440



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 129.6900, 25.4410, 29.0330 looks on a white background.

Color Contrast Check

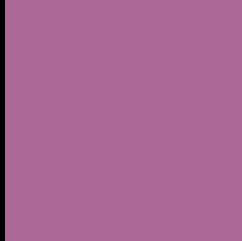
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.6900, 25.4410, 29.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

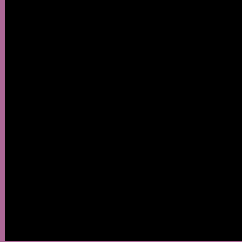
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.6900, 25.4410, 29.0330

Background



This preview shows how black text looks on a background with the YIQ color 129.6900, 25.4410, 29.0330.



This preview shows how white text looks on a background with the YIQ color 129.6900, 25.4410,

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

129.6900, 25.4410, 29.0330

Protanopia

126.9830, -18.5250, 10.8430

Deuteranopia

127.6440, -4.4490, 9.0470



Tritanopia

128.3680, 31.6790, 15.0950

Trichromacy



Original Color

129.6900, 25.4410, 29.0330

Protanomaly

127.6970, -2.8000, 17.7120

Deuteranomaly

128.4330, 6.6910, 16.4110

Tritanomaly

128.8610, 28.9730, 20.0850

Monochromacy



Original Color

129.6900, 25.4410, 29.0330

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.1140, 8.8470, 10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.6900, 25.4410, 29.0330 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(172, 104, 151)` looks like.

```
.text, #text, p{  
    color:rgb(172, 104, 151)  
}
```

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(172, 104, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 104, 151) }
```

Border

The CSS property to change the border of an element to YIQ 129.6900, 25.4410, 29.0330 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(172, 104, 151) }
```


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

```
.border{ border-color:rgb(172, 104, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 104, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 104, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 104, 151);  
box-shadow:4px 4px 4px 4px rgb(172, 104,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 129.6900, 25.4410, 29.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 104, 151) }
```

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

```
.background{ background-color: rgb(172,  
104, 151) }
```

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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