

Converting Colors

YIQ(136.6900, 25.4410, 29.0330)

Have a look what the booklet for
YIQ(136.6900, 25.4410, 29.0330)
contains.

YIQ(136.6900, 25.4410, 29.0330)	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(136.6900, 25.4410,
29.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	B36F9E
RGB	179, 111, 158
RGB Percent	70%, 44%, 62%
CMY	0.2978, 0.5648, 0.3803
CMYK	0.00, 0.38, 0.12, 0.30
HSL	319°, 31%, 57%
HSV	319°, 38%, 70%
XYZ	30.4560, 23.4214, 35.2708
YIQ	136.6900, 25.4410, 29.0330

Conversions

Conversions Part 2

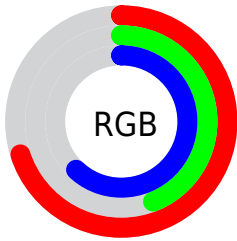
Format	Color
R_{YB}	179, 111, 158
Decimal	11759518
CIE _{Lab}	55.50, 33.94, -14.07
CIE _{LCh}	56, 36.745, 337.479
Yxy	23.4214, 0.3416, 0.2627
Android (android.graphics.Color)	4289949598 (0xFFB36F9E)
YUV	136.6900, 10.5058, 37.1059
Hunter-Lab	48.3956, 27.6399, -9.3336

Details

The YIQ color **136.6900, 25.4410, 29.0330** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **153.3100, -25.4410, -29.0330**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1140, 27.1830, 30.5030**, and **85.3800, 23.3780, 27.8740** is the 20% darker color. If you saturate the color by 10%, you get **125.4400, 32.3170, 36.5810**, and if you desaturate by 10%, it is **147.9400, 18.5650, 21.4850**.

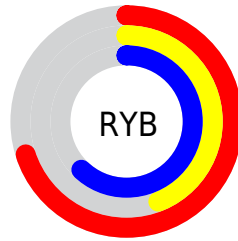
Distribution



Red (70%)

Green (44%)

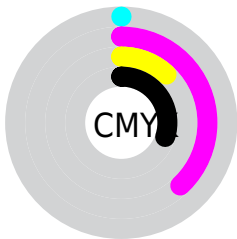
Blue (62%)



Red (70%)

Yellow (44%)

Blue (62%)

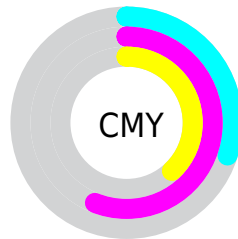


Cyan (0%)

Magenta (38%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (56%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.6900, 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 136.6900, 25.4410, 29.0330 by changing the saturation by 10% instead.


 136.6900, 25.4410,
29.0330


 136.6900, 25.4410,
29.0330


255.0000, -0.0000,
-0.0000

 110.9780, 24.5700,
28.2980


 191.1140, 27.1830,
30.5030


 85.3800, 23.3780,
27.8740


 215.8360, 22.0940,
29.1180


 60.6680, 22.5070,
27.1390

 233.8680, 9.9000,
18.8280

 35.3090, 22.1400,
28.2840

 250.8910, 1.9250,
3.6610

 19.1680, 17.9230,
22.1070

 8.8860, 9.4890,
9.7530

 0.0000, 0.0000,

0.0000

136.6900, 25.4410,
29.0330

136.6900, 25.4410,
29.0330

125.4400, 32.3170,
36.5810

147.9400, 18.5650,
21.4850

114.3040, 38.8720,
44.4400

159.0760, 12.0100,
13.6260

103.0540, 45.7480,
51.9880

170.3260, 5.1340,
6.0780

91.9180, 52.3030,
59.8470

181.4620, -1.4210,
-1.7810

80.6680, 59.1790,
67.3950

192.7120, -8.2970,
-9.3290

70.1190, 65.4590,
74.7310

203.2610,
-14.5770, -16.6650

67.6570, 66.8800,
76.5120

214.5110,
-21.4530, -24.2130

225.6470,
-28.0080, -32.0720

226.9180,
-30.2090, -30.7290

Harmonies

Analogous

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



136.5430, -5.0020, 24.5820



136.6900, 25.4410, 29.0330



134.8800, 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.



136.6900, 25.4410, 29.0330



129.7650, 27.7420, -18.1940



106.3700, -95.5910, -24.2230

Complementary

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



136.6900, 25.4410, 29.0330



153.3100, -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.



104.0100, -86.1900, -34.9100



136.6900, 25.4410, 29.0330



125.7770, 1.1050, -25.5430

Square

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



136.6900, 25.4410, 29.0330



132.3640, 45.5290, -4.6390



119.7050, -33.9230, -29.4990



109.0040, -94.0800, -13.0560

Rectangle

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



136.6900, 25.4410, 29.0330



134.2470, 51.0730, 16.0410



119.7050, -33.9230, -29.4990



105.8170, -92.6560, -27.8560

Sweetspot

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



136.6900, 25.4410, 29.0330



216.4130, 9.4430, 10.5870



124.7320, -9.9080, 25.3880



107.7390, 5.4090, 6.6010



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



136.6900, 25.4410, 29.0330



165.4290, 40.0180, 45.6980



132.9280, 36.0340, 18.7700



83.3750, 3.4380, 3.7740



57.8310, 57.1620, 65.4020



9.8260, 9.7180, 11.1100

Inverse Universe

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



136.6900, 25.4410, 29.0330



165.4290, 40.0180, 45.6980



157.0720, -36.0340, -18.7700



83.3750, 3.4380, 3.7740



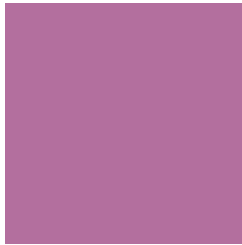
57.8310, 57.1620, 65.4020



9.8260, 9.7180, 11.1100

Previews

White Background



This preview shows how the YIQ color 136.6900, 25.4410, 29.0330 looks on a white background.

Color Contrast Check

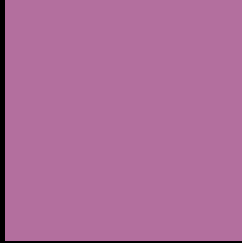
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.6900, 25.4410, 29.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

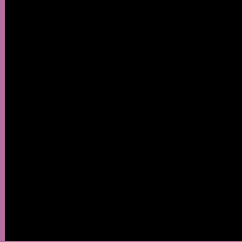
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.6900, 25.4410, 29.0330

Background



This preview shows how black text looks on a background with the YIQ color 136.6900, 25.4410, 29.0330.



This preview shows how white text looks on a background with the YIQ color 136.6900, 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

136.6900, 25.4410, 29.0330

Protanopia

133.9830, -18.5250, 10.8430

Deuteranopia

134.6440, -4.4490, 9.0470



Tritanopia

135.3680, 31.6790, 15.0950

Trichromacy



Original Color

136.6900, 25.4410, 29.0330

Protanomaly

134.6970, -2.8000, 17.7120

Deuteranomaly

135.4330, 6.6910, 16.4110

Tritanomaly

135.8610, 28.9730, 20.0850

Monochromacy



Original Color

136.6900, 25.4410, 29.0330

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1140, 8.8470, 10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6900, 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(179, 111, 158)` looks like.

```
.text, #text, p{  
    color:rgb(179, 111, 158)  
}
```

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(179, 111, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 111, 158) }
```

Border

The CSS property to change the border of an element to YIQ 136.6900, 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(179, 111, 158) }
```


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

```
.border{ border-color:rgb(179, 111, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 111, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 111, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 111, 158);  
box-shadow:4px 4px 4px 4px rgb(179, 111,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6900, 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(179, 111, 158) }
```

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

```
.background{ background-color: rgb(179,  
111, 158) }
```

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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