

Converting Colors

YIQ(129.0590, 29.0160, 35.8320)

Have a look what the booklet for
YIQ(129.0590, 29.0160, 35.8320)
contains.

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Color

**YIQ(129.0590, 29.0160,
35.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	B3629E
RGB	179, 98, 158
RGB Percent	70%, 38%, 62%
CMY	0.2978, 0.6158, 0.3803
CMYK	0.00, 0.45, 0.12, 0.30
HSL	316°, 35%, 54%
HSV	316°, 45%, 70%
XYZ	29.1415, 20.7889, 34.8324
YIQ	129.0590, 29.0160, 35.8320

Conversions

Conversions Part 2

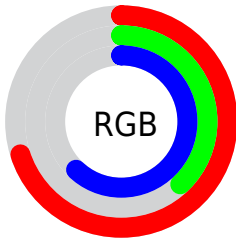
Format	Color
RYB	179, 98, 158
Decimal	11756190
CIELab	52.72, 40.96, -18.31
CIELCh	53, 44.862, 335.917
Yxy	20.7889, 0.3438, 0.2453
Android (android.graphics.Color)	4289946270 (0xFFB3629E)
YUV	129.0590, 14.2679, 43.7983
Hunter-Lab	45.5949, 34.2955, -13.3784

Details

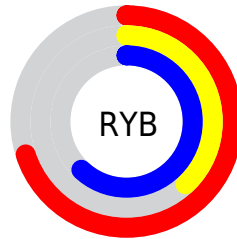
The YIQ color **129.0590, 29.0160, 35.8320** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **147.9410, -29.0160, -35.8320**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4830, 30.7580, 37.3020**, and **76.7490, 26.9530, 34.6730** is the 20% darker color. If you saturate the color by 10%, you get **117.9230, 35.5710, 43.6910**, and if you desaturate by 10%, it is **140.1950, 22.4610, 27.9730**.

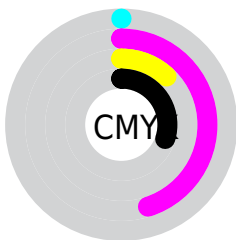
Distribution



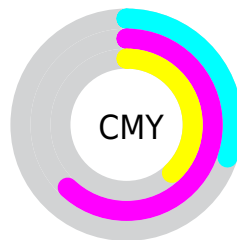
- Red (70%)
- Green (38%)
- Blue (62%)



- Red (70%)
- Yellow (38%)
- Blue (62%)



- Cyan (0%)
- Magenta (45%)
- Yellow (12%)
- Black (30%)





- Cyan (30%)
- Magenta (62%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.0590, 29.0160, 35.8320 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 129.0590, 29.0160, 35.8320 by changing the saturation by 10% instead.


 129.0590, 29.0160,
35.8320


 129.0590, 29.0160,
35.8320


255.0000, -0.0000,
-0.0000


 102.4610, 27.8240,
35.4080


 183.4830, 30.7580,
37.3020


 76.8630, 26.6320,
34.9840


 208.2050, 25.6690,
35.9170


 50.3900, 26.5860,
35.8180

 226.2370, 13.4750,
25.6270

 28.2540, 23.9730,
33.6130

 243.2600, 5.5000,
10.4600

 18.8690, 17.3270,
21.8950

 6.6790, 5.6380,
7.9580

 0.0000, 0.0000,

0.0000

■ 129.0590, 29.0160,
35.8320

■ 129.0590, 29.0160,
35.8320

■ 117.9230, 35.5710,
43.6910

■ 140.1950, 22.4610,
27.9730

■ 106.9010, 41.8050,
51.8610

■ 151.2170, 16.2270,
19.8030

■ 95.7650, 48.3600,
59.7200

■ 162.3530, 9.6720,
11.9440

■ 84.6290, 54.9150,
67.5790

■ 173.4890, 3.1170,
4.0850

■ 73.6070, 61.1490,
75.7490

■ 184.5110, -3.1170,
-4.0850

■ 68.6830, 63.9910,
79.3110

■ 195.0600, -9.3970,
-11.4210

■ 206.1960,
-15.9520, -19.2800

■ 217.2180,
-22.1860, -27.4500

■ 226.0060,
-27.6410, -33.2170

Harmonies

Analogous

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



129.0250, -9.1750, 28.6250



129.0590, 29.0160, 35.8320



126.5870, 53.5920, 30.9680

Triad

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



129.0590, 29.0160, 35.8320



120.9520, 34.3450, -22.2230



103.9080, -94.1700, -22.4420

Complementary

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



129.0590, 29.0160, 35.8320



147.9410, -29.0160, -35.8320

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.



100.2770, -82.5680, -34.4720



129.0590, 29.0160, 35.8320



117.1590, 2.6650, -31.7910

Square

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



129.0590, 29.0160, 35.8320



123.7410, 54.6530, -4.7950



106.8020, -44.7420, -37.1740



103.3500, -100.8660, -11.2180

Rectangle

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



129.0590, 29.0160, 35.8320



125.0850, 60.5170, 21.1010



106.8020, -44.7420, -37.1740



103.1270, -90.5930, -26.6970

Sweetspot

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



129.0590, 29.0160, 35.8320



212.3040, 11.3680, 14.2480



113.2140, -14.0810, 29.4310



104.6900, 7.1050, 8.9050



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.



129.0590, 29.0160, 35.8320



154.9770, 44.6470, 55.4230



124.4990, 41.8560, 23.3920



83.4890, 3.1170, 4.0850



58.6290, 54.9150, 67.5790



9.9400, 9.3970, 11.4210

Inverse Universe

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



129.0590, 29.0160, 35.8320



154.9770, 44.6470, 55.4230



152.5010, -41.8560, -23.3920



83.4890, 3.1170, 4.0850



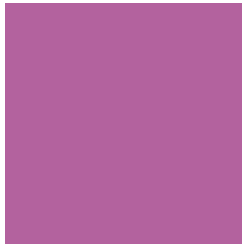
58.6290, 54.9150, 67.5790



9.9400, 9.3970, 11.4210

Previews

White Background



This preview shows how the YIQ color 129.0590, 29.0160, 35.8320 looks on a white background.

Color Contrast Check

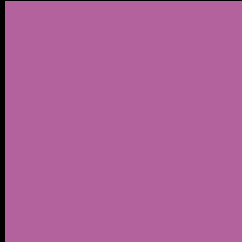
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.0590, 29.0160, 35.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

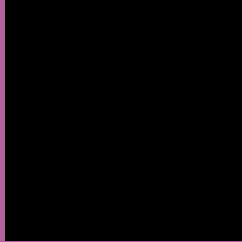
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.0590, 29.0160, 35.8320

Background



This preview shows how black text looks on a background with the YIQ color 129.0590, 29.0160, 35.8320.



This preview shows how white text looks on a background with the YIQ color 129.0590, 29.0160,

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

129.0590, 29.0160, 35.8320

Protanopia

126.5570, -25.9530, 13.3030

Deuteranopia

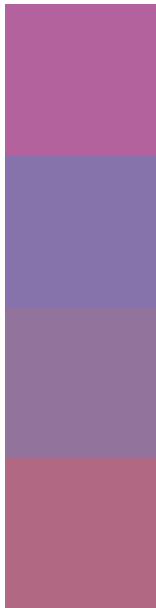
127.7190, -9.0340, 9.5420



Tritanopia

127.9450, 37.3640, 16.6920

Trichromacy



Original Color

129.0590, 29.0160, 35.8320

Protanomaly

127.3640, -6.0560, 21.6560

Deuteranomaly

128.5300, 5.0400, 18.8000

Tritanomaly

128.6060, 34.2450, 23.6610

Monochromacy



Original Color

129.0590, 29.0160, 35.8320

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1790, 10.2220, 12.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.0590, 29.0160, 35.8320 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, 98, 158)` looks like.

```
.text, #text, p{  
    color:rgb(179, 98, 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, 98, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 98, 158) }
```

Border

The CSS property to change the border of an element to YIQ 129.0590, 29.0160, 35.8320 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, 98, 158) }
```


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

```
.border{ border-color:rgb(179, 98, 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, 98, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 98, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 98, 158);  
box-shadow:4px 4px 4px 4px rgb(179, 98,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 129.0590, 29.0160, 35.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 98, 158) }
```

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

```
.background{ background-color: rgb(179, 98,  
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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