

Converting Colors

YIQ(139.0590, 29.0160, 35.8320)

Have a look what the booklet for
YIQ(139.0590, 29.0160, 35.8320)
contains.

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Color

**YIQ(139.0590, 29.0160,
35.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6CA8
RGB	189, 108, 168
RGB Percent	74%, 42%, 66%
CMY	0.2586, 0.5766, 0.3411
CMYK	0.00, 0.43, 0.11, 0.26
HSL	316°, 38%, 58%
HSV	316°, 43%, 74%
XYZ	33.4293, 24.3721, 39.9967
YIQ	139.0590, 29.0160, 35.8320

Conversions

Conversions Part 2

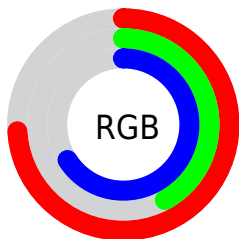
Format	Color
RYB	189, 108, 168
Decimal	12414120
CIELab	56.46, 40.62, -18.31
CIELCh	56, 44.553, 335.738
Yxy	24.3721, 0.3418, 0.2492
Android (android.graphics.Color)	4290604200 (0xFFBD6CA8)
YUV	139.0590, 14.2679, 43.7983
Hunter-Lab	49.3681, 34.4760, -13.4775

Details

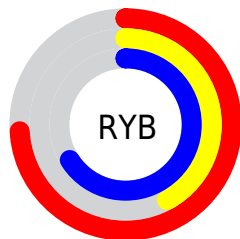
The YIQ color $139.0590, 29.0160, 35.8320$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $157.9410, -29.0160, -35.8320$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $193.7820, 31.3540, 37.5140$, and $86.7490, 26.9530, 34.6730$ is the 20% darker color. If you saturate the color by 10%, you get $127.3360, 35.8460, 44.2140$, and if you desaturate by 10%, it is $150.7820, 22.1860, 27.4500$.

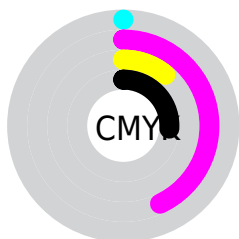
Distribution



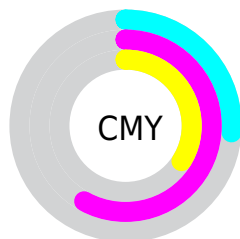
- Red (74%)
- Green (42%)
- Blue (66%)



- Red (74%)
- Yellow (42%)
- Blue (66%)



- Cyan (0%)
- Magenta (43%)
- Yellow (11%)
- Black (26%)





- Cyan (26%)
- Magenta (58%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.0590, 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 139.0590, 29.0160, 35.8320 by changing the saturation by 10% instead.


 139.0590, 29.0160,
35.8320


 139.0590, 29.0160,
35.8320


255.0000, -0.0000,
-0.0000


 112.4610, 27.8240,
35.4080


 193.7820, 31.3540,
37.5140


 86.7490, 26.9530,
34.6730


 215.9160, 19.1130,
33.5850


 60.5640, 26.0360,
34.7720

 232.6940, 10.4500,
19.8740

 32.1560, 27.3650,
38.2210

 249.7170, 2.4750,
4.7070

 22.1730, 19.5270,
26.0790

 12.9020, 12.5600,
14.6720

 0.0000, 0.0000,

0.0000

139.0590, 29.0160,
35.8320

139.0590, 29.0160,
35.8320

127.3360, 35.8460,
44.2140

150.7820, 22.1860,
27.4500

115.6130, 42.6760,
52.5960

162.5050, 15.3560,
19.0680

103.8900, 49.5060,
60.9780

174.2280, 8.5260,
10.6860

92.1670, 56.3360,
69.3600

185.9510, 1.6960,
2.3040

80.4440, 63.1660,
77.7420

197.6740, -5.1340,
-6.0780

72.4710, 67.7040,
83.6080

208.6960,
-11.3680, -14.2480

■ 220.4190,
-18.1980, -22.6300

■ 229.7940,
-23.9280, -28.9200

■ 230.3640,
-25.5330, -27.3650

Harmonies

Analogous

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



138.5520, -9.2210, 29.4590



139.0590, 29.0160, 35.8320



136.4730, 53.9130, 30.6570

Triad

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



139.0590, 29.0160, 35.8320



131.2510, 34.9410, -22.0110



110.9180, -100.1300, -24.5620

Complementary

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



139.0590, 29.0160, 35.8320



157.9410, -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.



107.1730, -88.2070, -36.9030



139.0590, 29.0160, 35.8320



126.5720, 2.9400, -31.2680

Square

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



139.0590, 29.0160, 35.8320



133.6270, 54.9740, -5.1060



116.9980, -42.3580, -36.3260



110.2460, -106.5050, -13.6490

Rectangle

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



139.0590, 29.0160, 35.8320



135.3840, 61.1130, 21.3130



116.9980, -42.3580, -36.3260



110.1370, -96.5530, -28.8170

Sweetspot

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



139.0590, 29.0160, 35.8320



225.3040, 11.3680, 14.2480



123.2140, -14.0810, 29.4310



110.2770, 6.8300, 8.3820



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



139.0590, 29.0160, 35.8320



167.8630, 44.9680, 55.1120



134.4990, 41.8560, 23.3920



88.4890, 3.1170, 4.0850



60.5800, 56.6110, 69.8830



11.8910, 11.0930, 13.7250

Inverse Universe

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



139.0590, 29.0160, 35.8320



167.8630, 44.9680, 55.1120



162.5010, -41.8560, -23.3920



88.4890, 3.1170, 4.0850



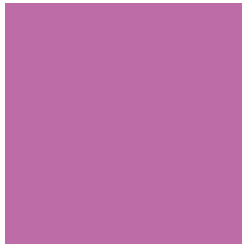
60.5800, 56.6110, 69.8830



11.8910, 11.0930, 13.7250

Previews

White Background



This preview shows how the YIQ color 139.0590, 29.0160, 35.8320 looks on a white background.

Color Contrast Check

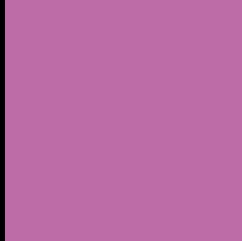
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.0590, 29.0160, 35.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

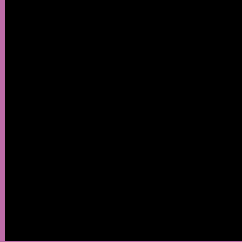
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.0590, 29.0160, 35.8320

Background



This preview shows how black text looks on a background with the YIQ color 139.0590, 29.0160, 35.8320.



This preview shows how white text looks on a background with the YIQ color 139.0590, 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

139.0590, 29.0160, 35.8320

Protanopia

135.8560, -25.3570, 13.5150

Deuteranopia

137.1320, -8.7590, 10.0650



Tritanopia

137.9450, 37.3640, 16.6920

Trichromacy



Original Color

139.0590, 29.0160, 35.8320

Protanomaly

137.2500, -5.7350, 21.3450

Deuteranomaly

137.9430, 5.3150, 19.3230

Tritanomaly

138.6060, 34.2450, 23.6610

Monochromacy



Original Color

139.0590, 29.0160, 35.8320

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.1790, 10.2220, 12.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.0590, 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(189, 108, 168)` looks like.

```
.text, #text, p{  
    color:rgb(189, 108, 168)  
}
```

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(189, 108, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 108, 168) }
```

Border

The CSS property to change the border of an element to YIQ 139.0590, 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(189, 108, 168) }
```


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

```
.border{ border-color:rgb(189, 108, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 108, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 108, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 108, 168);  
box-shadow:4px 4px 4px 4px rgb(189, 108,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 139.0590, 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(189, 108, 168) }
```

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

```
.background{ background-color: rgb(189,  
108, 168) }
```

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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