

Converting Colors

YIQ(152.0590, 29.0160, 35.8320)

Have a look what the booklet for
YIQ(152.0590, 29.0160, 35.8320)
contains.

YIQ(152.0590, 29.0160, 35.8320)	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(152.0590, 29.0160,
35.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	CA79B5
RGB	202, 121, 181
RGB Percent	79%, 47%, 71%
CMY	0.2076, 0.5256, 0.2901
CMYK	0.00, 0.40, 0.10, 0.21
HSL	316°, 43%, 63%
HSV	316°, 40%, 79%
XYZ	39.5485, 29.5682, 47.3483
YIQ	152.0590, 29.0160, 35.8320

Conversions

Conversions Part 2

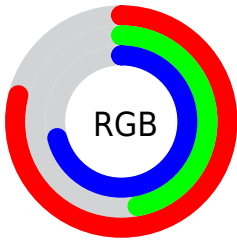
Format	Color
R _Y B	202, 121, 181
Decimal	13269429
CIE Lab	61.28, 40.18, -18.28
CIE LCh	61, 44.141, 335.533
Yxy	29.5682, 0.3396, 0.2539
Android (android.graphics.Color)	4291459509 (0xFFCA79B5)
YUV	152.0590, 14.2679, 43.7983
Hunter-Lab	54.3766, 34.6654, -13.5630

Details

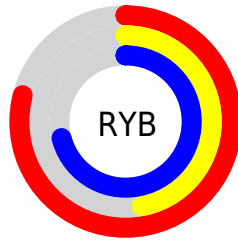
The YIQ color **152.0590, 29.0160, 35.8320** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **170.9410, -29.0160, -35.8320**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.9880, 27.7780, 36.2420**, and **99.3360, 26.6780, 34.1500** is the 20% darker color. If you saturate the color by 10%, you get **139.7490, 36.1210, 44.7370**, and if you desaturate by 10%, it is **164.3690, 21.9110, 26.9270**.

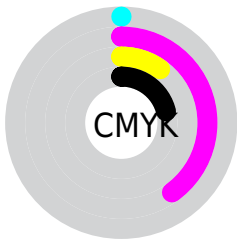
Distribution



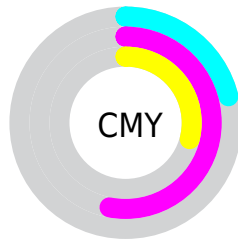
- Red (79%)
- Green (47%)
- Blue (71%)



- Red (79%)
- Yellow (47%)
- Blue (71%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)
- Black (21%)



- Cyan (21%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.0590, 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 152.0590, 29.0160, 35.8320 by changing the saturation by 10% instead.

152.0590, 29.0160,
35.8320

152.0590, 29.0160,
35.8320

255.0000, -0.0000,
-0.0000

125.3470, 28.1450,
35.0970

205.9880, 27.7780,
36.2420

99.3360, 26.6780,
34.1500

224.4760, 14.3000,
27.1960

73.4500, 26.3570,
34.4610

240.9120, 6.6000,
12.5520

46.7920, 25.3940,
35.3940

26.7160, 22.5520,
31.8320

17.6300, 16.5020,
20.3260

1.8090, -0.7800,

3.1240

■ 0.0000, 0.0000,
0.0000

■ 152.0590, 29.0160,
35.8320

■ 152.0590, 29.0160,
35.8320

■ 139.7490, 36.1210,
44.7370

■ 164.3690, 21.9110,
26.9270

■ 127.4390, 43.2260,
53.6420

■ 176.7930, 14.4850,
18.3330

■ 114.4280, 50.9270,
62.7590

■ 189.6900, 7.1050,
8.9050

■ 102.1180, 58.0320,
71.6640

■ 202.0000, -0.0000,
0.0000

■ 89.8080, 65.1370,
80.5690

■ 214.3100, -7.1050,
-8.9050

■ 77.4980, 72.2420,
89.4740

■ 226.6200,
-14.2100, -17.8100

■ 234.9350,
-19.7110, -22.7430

■ 235.5050,
-21.3160, -21.1880

■ 236.0750,
-22.9210, -19.6330

Harmonies

Analogous

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



151.5520, -9.2210, 29.4590



152.0590, 29.0160, 35.8320



149.7720, 54.5090, 30.8690

Triad

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



152.0590, 29.0160, 35.8320



143.6640, 35.2160, -21.4880



119.9170, -107.5570, -27.6290

Complementary

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



152.0590, 29.0160, 35.8320



170.9410, -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.



116.1720, -95.6340, -39.9700



152.0590, 29.0160, 35.8320



139.4580, 3.2610, -31.5790

Square

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



152.0590, 29.0160, 35.8320



146.3390, 55.8450, -4.3710



130.7810, -40.2490, -36.0010



119.3590, -114.2530, -16.4050

Rectangle

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



152.0590, 29.0160, 35.8320



148.5690, 62.0300, 21.2140



130.7810, -40.2490, -36.0010



118.5490, -103.7050, -31.3610

Sweetspot

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



152.0590, 29.0160, 35.8320



235.8910, 11.0930, 13.7250



136.2140, -14.0810, 29.4310



116.8640, 6.5550, 7.8590



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



152.0590, 29.0160, 35.8320



179.7380, 43.8220, 53.8540



147.4990, 41.8560, 23.3920



95.7880, 3.7130, 4.2970



63.6560, 59.4530, 73.4450



14.5540, 13.6600, 16.7640

Inverse Universe

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



152.0590, 29.0160, 35.8320



179.7380, 43.8220, 53.8540



175.5010, -41.8560, -23.3920



95.7880, 3.7130, 4.2970



63.6560, 59.4530, 73.4450



14.5540, 13.6600, 16.7640

Previews

White Background



This preview shows how the YIQ color 152.0590, 29.0160, 35.8320 looks on a white background.

Color Contrast Check

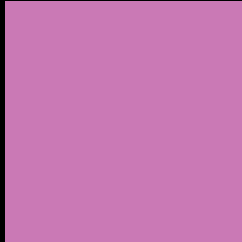
Large Text (above 18pt) WCAG AA ✓ Pass

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 152.0590, 29.0160, 35.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

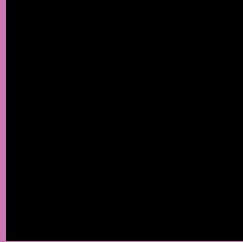
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 152.0590, 29.0160, 35.8320

Background



This preview shows how black text looks on a background with the YIQ color 152.0590, 29.0160, 35.8320.



This preview shows how white text looks on a background with the YIQ color 152.0590, 29.0160,

35.8320.

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

152.0590, 29.0160, 35.8320

Protanopia

148.1550, -24.7610, 13.7270

Deuteranopia

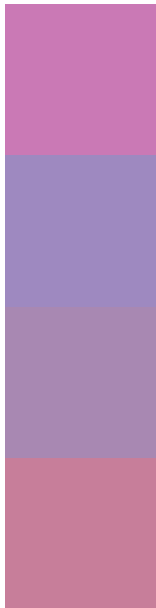
149.8440, -7.8880, 10.8000



Tritanopia

150.4720, 37.3180, 17.5260

Trichromacy



Original Color

152.0590, 29.0160, 35.8320

Protanomaly

149.5490, -5.1390, 21.5570

Deuteranomaly

150.3560, 5.5900, 19.8460

Tritanomaly

151.0190, 34.5200, 24.1840

Monochromacy



Original Color

152.0590, 29.0160, 35.8320

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.1790, 10.2220, 12.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.0590, 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(202, 121, 181)` looks like.

```
.text, #text, p{  
    color:rgb(202, 121, 181)  
}
```

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(202, 121, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 121, 181) }
```

Border

The CSS property to change the border of an element to YIQ 152.0590, 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(202, 121, 181) }
```


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

```
.border{ border-color:rgb(202, 121, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 121, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 121, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 121, 181);  
box-shadow:4px 4px 4px 4px rgb(202, 121,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 152.0590, 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(202, 121, 181) }
```

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

```
.background{ background-color: rgb(202,  
121, 181) }
```

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