

Converting Colors

YIQ(151.1670, 38.0000, 49.2320)

Have a look what the booklet for
YIQ(151.1670, 38.0000, 49.2320)
contains.

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Color

**YIQ(151.1670, 38.0000,
49.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	DA6DC1
RGB	218, 109, 193
RGB Percent	85%, 43%, 76%
CMY	0.1448, 0.5727, 0.2430
CMYK	0.00, 0.50, 0.11, 0.14
HSL	314°, 60%, 64%
HSV	314°, 50%, 86%
XYZ	44.0291, 29.6965, 53.8763
YIQ	151.1670, 38.0000, 49.2320

Conversions

Conversions Part 2

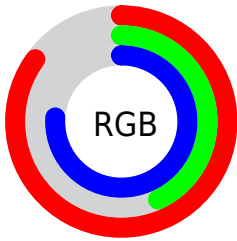
Format	Color
R _Y B	218, 109, 193
Decimal	14314945
CIE Lab	61.39, 53.29, -24.76
CIE LCh	61, 58.760, 335.084
Yxy	29.6965, 0.3451, 0.2327
Android (android.graphics.Color)	4292505025 (0xFFDA6DC1)
YUV	151.1670, 20.6237, 58.6125
Hunter-Lab	54.4945, 48.8546, -20.4713

Details

The YIQ color $151.1670, 38.0000, 49.2320$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $175.8330, -38.0000, -49.2320$, and the grayscale version is $151.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $201.0130, 26.6300, 46.0380$, and $96.2700, 36.2120, 48.5960$ is the 20% darker color. If you saturate the color by 10%, you get $137.6830, 45.6550, 59.1830$, and if you desaturate by 10%, it is $164.6510, 30.3450, 39.2810$.

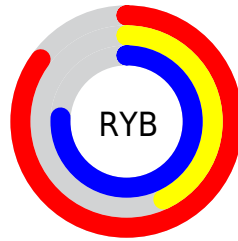
Distribution



Red (85%)

Green (43%)

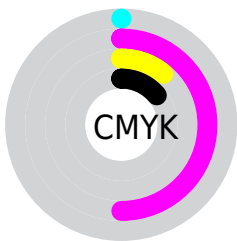
Blue (76%)



Red (85%)

Yellow (43%)

Blue (76%)

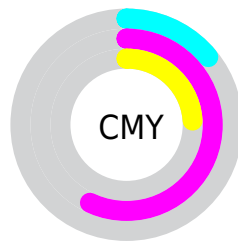


Cyan (0%)

Magenta (50%)

Yellow (11%)

Black (14%)



Cyan (14%)

Magenta (57%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.1670, 38.0000, 49.2320 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 151.1670, 38.0000, 49.2320 by changing the saturation by 10% instead.

151.1670, 38.0000,
49.2320

151.1670, 38.0000,
49.2320

255.0000, -0.0000,
-0.0000

123.5690, 36.8080,
48.8080

201.0130, 26.6300,
46.0380

96.2700, 36.2120,
48.5960

218.0190, 17.3250,
32.9490

66.2640, 36.3490,
51.6210

235.0420, 9.3500,
17.7820

41.8400, 34.6070,
50.1510

252.0650, 1.3750,
2.6150

31.0310, 26.2190,
36.9630

21.3470, 18.9770,
25.0330

9.5700, 7.5630,

11.6190

■ 0.0000, 0.0000,
0.0000

■ 151.1670, 38.0000,
49.2320

■ 151.1670, 38.0000,
49.2320

■ 137.6830, 45.6550,
59.1830

■ 164.6510, 30.3450,
39.2810

■ 124.1990, 53.3100,
69.1340

■ 178.1350, 22.6900,
29.3300

■ 111.3020, 60.6900,
78.5620

■ 191.0320, 15.3100,
19.9020

■ 97.8180, 68.3450,
88.5130

■ 204.5160, 7.6550,
9.9510

■ 84.3340, 76.0000,
98.4640

■ 218.0000, -0.0000,
0.0000

■ 231.4840, -7.6550,
-9.9510

■ 240.8590,
-13.3850, -16.2410

■ 241.4290,
-14.9900, -14.6860

■ 241.9990,
-16.5950, -13.1310

Harmonies

Analogous

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



152.0110, -14.5870, 38.6050



151.1670, 38.0000, 49.2320



146.5450, 71.7460, 43.3780

Triad

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



151.1670, 38.0000, 49.2320



141.1580, 47.9640, -32.2600



124.5620, -113.7470, -25.5790

Complementary

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



151.1670, 38.0000, 49.2320



175.8330, -38.0000, -49.2320

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.



119.3350, -97.6510, -41.9630



151.1670, 38.0000, 49.2320



135.3790, 4.5010, -43.0430

Square

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



151.1670, 38.0000, 49.2320



144.3270, 73.3140, -7.0860



111.4180, -79.4920, -57.1880



124.4430, -123.0570, -11.0330

Rectangle

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



151.1670, 38.0000, 49.2320



145.3050, 80.6890, 29.9770



111.4180, -79.4920, -57.1880



123.3250, -108.8860, -31.0780

Sweetspot

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



151.1670, 38.0000, 49.2320



231.6680, 13.3390, 17.0750



128.6020, -20.6850, 38.9870



113.8150, 8.2510, 10.1630



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.



151.1670, 38.0000, 49.2320



161.1990, 53.3100, 69.1340



145.1250, 55.0130, 32.7490



103.2010, 3.9880, 4.8200



67.0030, 60.0940, 78.3500



17.7440, 16.1810, 20.6370

Inverse Universe

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



151.1670, 38.0000, 49.2320



161.1990, 53.3100, 69.1340



181.8750, -55.0130, -32.7490



103.2010, 3.9880, 4.8200



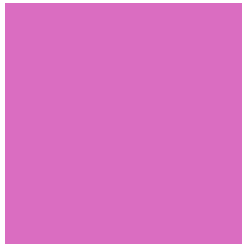
67.0030, 60.0940, 78.3500



17.7440, 16.1810, 20.6370

Previews

White Background



This preview shows how the YIQ color 151.1670, 38.0000, 49.2320 looks on a white background.

Color Contrast Check

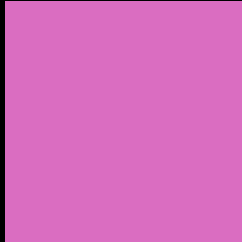
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.1670, 38.0000, 49.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

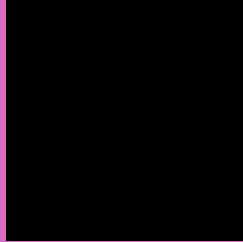
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.1670, 38.0000, 49.2320

Background



This preview shows how black text looks on a background with the YIQ color 151.1670, 38.0000, 49.2320.



This preview shows how white text looks on a background with the YIQ color 151.1670, 38.0000,

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

151.1670, 38.0000, 49.2320

Protanopia

147.7870, -38.1040, 18.7600

Deuteranopia

149.7770, -14.9490, 12.1150



Tritanopia

150.3380, 49.5590, 21.4550

Trichromacy



Original Color

151.1670, 38.0000, 49.2320



Protanomaly

149.3670, -10.1380, 29.5580



Deuteranomaly

150.4470, 4.0760, 25.2600



Tritanomaly

150.8080, 45.6600, 31.5480

Monochromacy



Original Color

151.1670, 38.0000, 49.2320



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.0810, 13.6140, 17.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.1670, 38.0000, 49.2320 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(218, 109, 193)` looks like.

```
.text, #text, p{  
    color:rgb(218, 109, 193)  
}
```

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(218, 109, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 109, 193) }
```

Border

The CSS property to change the border of an element to YIQ 151.1670, 38.0000, 49.2320 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(218, 109, 193) }
```


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

```
.border{ border-color:rgb(218, 109, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 109, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 109, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 109, 193);  
box-shadow:4px 4px 4px 4px rgb(218, 109,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 151.1670, 38.0000, 49.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 109, 193) }
```

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

```
.background{ background-color: rgb(218,  
109, 193) }
```

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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