

Converting Colors

YIQ(119.1820, 60.0070, 52.3830)

Have a look what the booklet for
YIQ(119.1820, 60.0070, 52.3830)
contains.

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Color

**YIQ(119.1820, 60.0070,
52.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	D1458E
RGB	209, 69, 142
RGB Percent	82%, 27%, 56%
CMY	0.1800, 0.7296, 0.4430
CMYK	0.00, 0.67, 0.32, 0.18
HSL	329°, 60%, 55%
HSV	329°, 67%, 82%
XYZ	33.3323, 19.7728, 27.6691
YIQ	119.1820, 60.0070, 52.3830

Conversions

Conversions Part 2

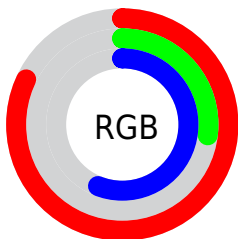
Format	Color
R _Y B	209, 69, 142
Decimal	13714830
CIE Lab	51.58, 61.31, -10.16
CIE LCh	52, 62.144, 350.587
Yxy	19.7728, 0.4127, 0.2448
Android (android.graphics.Color)	4291904910 (0xFFD1458E)
YUV	119.1820, 11.2493, 78.7704
Hunter-Lab	44.4666, 55.9875, -5.7663

Details

The YIQ color **119.1820, 60.0070, 52.3830** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **158.8180, -60.0070, -52.3830**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5510, 54.4140, 49.1180**, and **55.3380, 59.8680, 60.4120** is the 20% darker color. If you saturate the color by 10%, you get **105.7150, 68.9920, 60.2560**, and if you desaturate by 10%, it is **132.6490, 51.0220, 44.5100**.

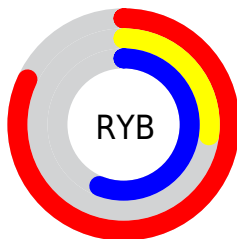
Distribution



Red (82%)

Green (27%)

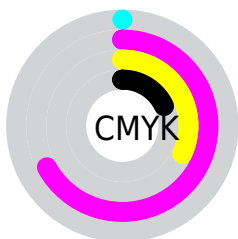
Blue (56%)



Red (82%)

Yellow (27%)

Blue (56%)

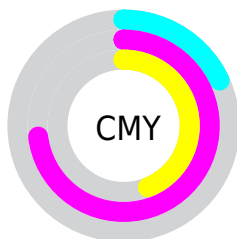


Cyan (0%)

Magenta (67%)

Yellow (32%)

Black (18%)



Cyan (18%)


Magenta (73%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.1820, 60.0070, 52.3830 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 119.1820, 60.0070, 52.3830 by changing the saturation by 10% instead.


 119.1820, 60.0070,
52.3830


 119.1820, 60.0070,
52.3830


255.0000, -0.0000,
-0.0000

 88.4640, 59.2730,
54.6730


 172.5510, 54.4140,
49.1180


 55.3380, 59.8680,
60.4120


 192.1790, 37.7260,
43.1820


 44.2300, 50.8840,
47.0120


 212.3940, 20.7630,
36.7230

 33.0510, 40.6620,
34.0220

 229.7590, 11.8250,
22.4890

 22.9970, 31.5860,
22.2900

 246.7820, 3.8500,
7.3220

 11.4760, 22.3270,
8.3670

 0.0000, 0.0000,

0.0000

■ 119.1820, 60.0070,
52.3830

■ 119.1820, 60.0070,
52.3830

■ 105.7150, 68.9920,
60.2560

■ 132.6490, 51.0220,
44.5100

■ 92.2480, 77.9770,
68.1290

■ 146.1160, 42.0370,
36.6370

■ 78.7810, 86.9620,
76.0020

■ 159.5830, 33.0520,
28.7640

■ 74.9170, 89.5750,
78.2070

■ 173.0500, 24.0670,
20.8910

■ 185.9300, 15.3570,
13.5410

■ 199.3970, 6.3720,
5.6680

■ 212.8640, -2.6130,
-2.2050

■ 226.3310,
-11.5980, -10.0780

■ 238.6240,
-20.0330, -16.9050

Harmonies

Analogous

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



126.0210, 14.9840, 47.8480



119.1820, 60.0070, 52.3830



115.8200, 80.9170, 36.8610

Triad

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



119.1820, 60.0070, 52.3830



110.6840, 31.3230, -44.5570



107.7840, -105.0840, -11.8680

Complementary

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



119.1820, 60.0070, 52.3830



158.8180, -60.0070, -52.3830

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.



104.4150, -91.4640, -27.4320



119.1820, 60.0070, 52.3830



99.8290, -32.1770, -50.1370

Square

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



119.1820, 60.0070, 52.3830



115.9430, 64.9270, -25.8010



97.5580, -73.5340, -44.0140



104.6500, -110.0380, 0.8260

Rectangle

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



119.1820, 60.0070, 52.3830



117.5850, 82.2960, 17.3680



97.5580, -73.5340, -44.0140



107.4760, -101.4610, -16.9570

Sweetspot

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



119.1820, 60.0070, 52.3830



222.3270, 21.7290, 19.2090



104.3950, -6.2000, 57.3200



108.0930, 13.3400, 11.5480



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.



119.1820, 60.0070, 52.3830



124.0800, 87.5580, 76.2140



111.4300, 81.8350, 31.2350



97.9730, 4.6300, 4.1980



60.2640, 71.8800, 62.9840



14.6530, 17.6950, 15.2230

Inverse Universe

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



119.1820, 60.0070, 52.3830



124.0800, 87.5580, 76.2140



166.5700, -81.8350, -31.2350



97.9730, 4.6300, 4.1980



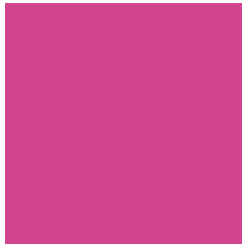
60.2640, 71.8800, 62.9840



14.6530, 17.6950, 15.2230

Previews

White Background



This preview shows how the YIQ color 119.1820, 60.0070, 52.3830 looks on a white background.

Color Contrast Check

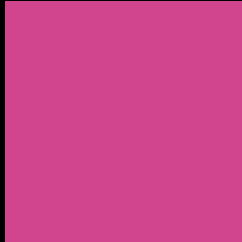
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.1820, 60.0070, 52.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

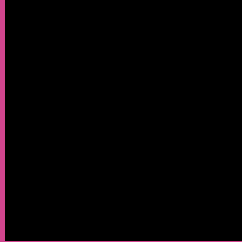
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.1820, 60.0070, 52.3830

Background



This preview shows how black text looks on a background with the YIQ color 119.1820, 60.0070, 52.3830.



This preview shows how white text looks on a background with the YIQ color 119.1820, 60.0070,

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

119.1820, 60.0070, 52.3830

Protanopia

123.3010, -28.1080, 13.8120

Deuteranopia

124.7000, 1.1450, 6.7850



Tritanopia

119.4610, 71.3820, 27.9420

Trichromacy



Original Color

119.1820, 60.0070, 52.3830

Protanomaly

122.0280, 3.9380, 27.7620

Deuteranomaly

122.5600, 22.6910, 23.8030

Tritanomaly

119.1050, 66.9330, 36.9890

Monochromacy



Original Color

119.1820, 60.0070, 52.3830

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2130, 22.0500, 18.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.1820, 60.0070, 52.3830 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(209, 69, 142)` looks like.

```
.text, #text, p{  
    color:rgb(209, 69, 142)  
}
```

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(209, 69, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 69, 142) }
```

Border

The CSS property to change the border of an element to YIQ 119.1820, 60.0070, 52.3830 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(209, 69, 142) }
```


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

```
.border{ border-color:rgb(209, 69, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 69, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 69, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 69, 142);  
box-shadow:4px 4px 4px 4px rgb(209, 69,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 119.1820, 60.0070, 52.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 69, 142) }
```

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

```
.background{ background-color: rgb(209, 69,  
142) }
```

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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