

Converting Colors

YIQ(119.8380, 72.4790, 46.6150)

Have a look what the booklet for
YIQ(119.8380, 72.4790, 46.6150)
contains.

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Color

**YIQ(119.8380, 72.4790,
46.6150)**

Conversions

Conversions Part 1

Format	Color
Hex	DA4677
RGB	218, 70, 119
RGB Percent	85%, 27%, 47%
CMY	0.1447, 0.7257, 0.5331
CMYK	0.00, 0.68, 0.45, 0.14
HSL	340°, 67%, 56%
HSV	340°, 68%, 86%
XYZ	34.4625, 20.6265, 19.6378
YIQ	119.8380, 72.4790, 46.6150

Conversions

Conversions Part 2

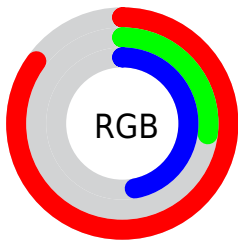
Format	Color
RYB	218, 70, 119
Decimal	14304887
CIELab	52.54, 61.11, 5.17
CIElCh	53, 61.333, 4.836
Yxy	20.6265, 0.4612, 0.2760
Android (android.graphics.Color)	4292494967 (0xFFDA4677)
YUV	119.8380, -0.4131, 86.0881
Hunter-Lab	45.4164, 55.9694, 6.1548

Details

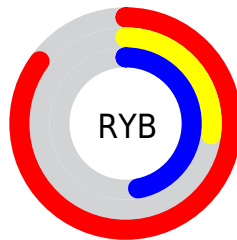
The YIQ color **119.8380, 72.4790, 46.6150** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **168.1620, -72.4790, -46.6150**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **170.2880, 62.1640, 40.8200**, and **55.3360, 71.3770, 55.5770** is the 20% darker color. If you saturate the color by 10%, you get **105.2140, 83.3440, 53.4560**, and if you desaturate by 10%, it is **134.4620, 61.6140, 39.7740**.

Distribution



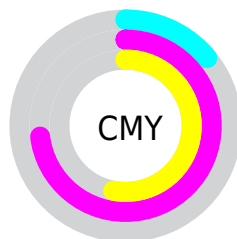
- Red (85%)
- Green (27%)
- Blue (47%)



- Red (85%)
- Yellow (27%)
- Blue (47%)



- Cyan (0%)
- Magenta (68%)
- Yellow (45%)
- Black (14%)





- Cyan (14%)
- Magenta (73%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.8380, 72.4790, 46.6150 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 119.8380, 72.4790, 46.6150 by changing the saturation by 10% instead.


 119.8380, 72.4790,
46.6150


 119.8380, 72.4790,
46.6150


255.0000, -0.0000,
-0.0000


 89.2340, 71.4240,
49.2160


 170.2880, 62.1640,
40.8200


 55.3360, 71.3770,
55.5770


 190.3890, 45.5220,
34.0500

 43.8580, 60.5590,
42.3750


 210.0170, 28.8340,
28.1140

 32.7930, 50.0160,
29.6960

 230.3460, 11.5500,
21.9660

 21.7560, 42.2700,
15.8860

 247.9560, 3.3000,
6.2760

 12.6720, 24.7110,
9.2150

 0.0000, 0.0000,

0.0000

■ 119.8380, 72.4790,
46.6150

■ 119.8380, 72.4790,
46.6150

■ 105.2140, 83.3440,
53.4560

■ 134.4620, 61.6140,
39.7740

■ 90.7040, 93.8880,
60.6080

■ 148.9720, 51.0700,
32.6220

■ 76.6670, 104.4780,
66.9260

■ 163.0090, 40.4800,
26.3040

■ 73.3900, 106.8160,
68.6080

■ 177.5190, 29.9360,
19.1520

■ 192.1430, 19.0710,
12.3110

■ 206.7670, 8.2060,
5.4700

■ 221.2770, -2.3380,
-1.6820

■ 235.3140,
-12.9280, -8.0000

■ 243.3670,
-20.4470, -9.3990

Harmonies

Analogous

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



126.5200, 38.5040, 51.1120



119.8380, 72.4790, 46.6150



120.1600, 82.2950, 22.8950

Triad

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



119.8380, 72.4790, 46.6150



110.8690, 5.8770, -45.9550



108.5480, -109.9910, -5.5350

Complementary

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



119.8380, 72.4790, 46.6150



168.1620, -72.4790, -46.6150

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.



108.4390, -100.0390, -20.7030



119.8380, 72.4790, 46.6150



94.5940, -65.1880, -52.1000

Square

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



119.8380, 72.4790, 46.6150



116.7190, 50.5780, -35.5820



102.6250, -83.6680, -36.5640



102.0570, -109.6260, 4.3740

Rectangle

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



119.8380, 72.4790, 46.6150



120.3480, 77.9890, 1.8050



102.6250, -83.6680, -36.5640



109.1690, -107.6060, -10.2140

Sweetspot

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



119.8380, 72.4790, 46.6150



221.1870, 24.9390, 16.0990



116.4730, 11.4960, 67.0160



107.4090, 15.2660, 9.6820



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.



119.8380, 72.4790, 46.6150



116.3570, 102.4150, 65.7670



128.9270, 81.3330, 18.3010



102.6310, 5.5930, 3.2650



58.2250, 84.8110, 54.4030



15.4640, 22.6010, 14.4170

Inverse Universe

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



119.8380, 72.4790, 46.6150



116.3570, 102.4150, 65.7670



159.0730, -81.3330, -18.3010



102.6310, 5.5930, 3.2650



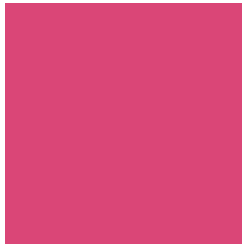
58.2250, 84.8110, 54.4030



15.4640, 22.6010, 14.4170

Previews

White Background



This preview shows how the YIQ color 119.8380, 72.4790, 46.6150 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 119.8380, 72.4790, 46.6150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

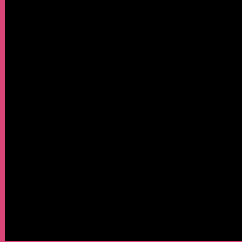
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.8380, 72.4790, 46.6150

Background



This preview shows how black text looks on a background with the YIQ color 119.8380, 72.4790, 46.6150.



This preview shows how white text looks on a background with the YIQ color 119.8380, 72.4790,

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

119.8380, 72.4790, 46.6150

Protanopia

126.4690, -11.3260, 7.0260

Deuteranopia

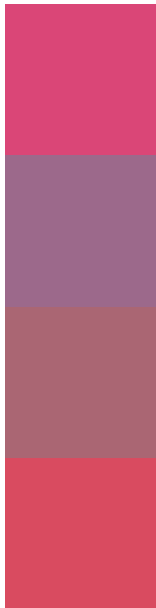
126.5520, 16.0010, 1.8650



Tritanopia

119.8320, 80.6430, 30.8110

Trichromacy



Original Color

119.8380, 72.4790, 46.6150

Protanomaly

124.1250, 19.4820, 21.3860

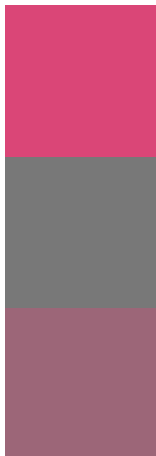
Deuteranomaly

123.8140, 36.3550, 18.4590

Tritanomaly

119.8520, 77.8910, 36.6350

Monochromacy



Original Color

119.8380, 72.4790, 46.6150

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1980, 26.4060, 17.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8380, 72.4790, 46.6150 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, 70, 119)` looks like.

```
.text, #text, p{  
    color:rgb(218, 70, 119)  
}
```

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, 70, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 70, 119) }
```

Border

The CSS property to change the border of an element to YIQ 119.8380, 72.4790, 46.6150 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, 70, 119) }
```


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

```
.border{ border-color:rgb(218, 70, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 70, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 70, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 70, 119);  
box-shadow:4px 4px 4px 4px rgb(218, 70,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8380, 72.4790, 46.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 70, 119) }
```

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

```
.background{ background-color: rgb(218, 70,  
119) }
```

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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