

Converting Colors

YIQ(149.3670, 59.7830, 23.3910)

Have a look what the booklet for
YIQ(149.3670, 59.7830, 23.3910)
contains.

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Color

**YIQ(149.3670, 59.7830,
23.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	DD767B
RGB	221, 118, 123
RGB Percent	87%, 46%, 48%
CMY	0.1331, 0.5374, 0.5174
CMYK	0.00, 0.47, 0.44, 0.13
HSL	357°, 60%, 66%
HSV	357°, 47%, 87%
XYZ	39.8903, 29.7603, 22.4003
YIQ	149.3670, 59.7830, 23.3910

Conversions

Conversions Part 2

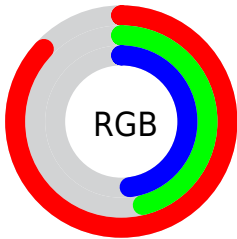
Format	Color
R _Y B	221, 118, 123
Decimal	14513787
CIE Lab	61.45, 40.53, 15.46
CIE LCh	61, 43.378, 20.882
Yxy	29.7603, 0.4334, 0.3233
Android (android.graphics.Color)	4292703867 (0xFFDD767B)
YUV	149.3670, -12.9989, 62.8221
Hunter-Lab	54.5530, 35.0551, 13.8417

Details

The YIQ color **149.3670, 59.7830, 23.3910** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **189.6330, -59.7830, -23.3910**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **197.1590, 48.5050, 18.5290**, and **95.6160, 54.6480, 22.8400** is the 20% darker color. If you saturate the color by 10%, you get **134.0590, 72.5740, 28.3660**, and if you desaturate by 10%, it is **164.6750, 46.9920, 18.4160**.

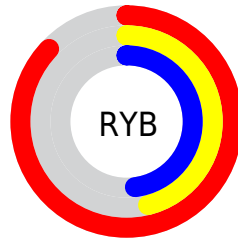
Distribution



Red (87%)

Green (46%)

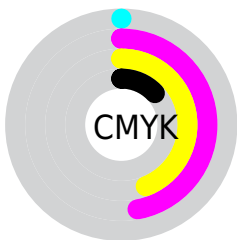
Blue (48%)



Red (87%)

Yellow (46%)

Blue (48%)

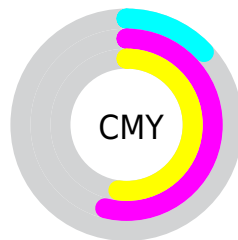


Cyan (0%)

Magenta (47%)

Yellow (44%)

Black (13%)



Cyan (13%)


Magenta (54%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.3670, 59.7830, 23.3910 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 149.3670, 59.7830, 23.3910 by changing the saturation by 10% instead.


 149.3670, 59.7830,
23.3910


 149.3670, 59.7830,
23.3910


255.0000, -0.0000,
-0.0000


 122.2850, 57.0780,
22.8540


 197.1590, 48.5050,
18.5290


 95.6160, 54.6480,
22.8400


 216.7870, 31.8170,
12.5930

 69.4740, 52.1720,
23.6600

 236.4150, 15.1290,
6.6570

 41.0980, 50.4750,
26.8830

 24.1200, 44.2410,
18.7130

 15.9610, 31.2670,
11.5470

 2.9900, 5.9600,

2.1200

■ 0.0000, 0.0000,
0.0000

■ 149.3670, 59.7830,
23.3910

■ 149.3670, 59.7830,
23.3910

■ 134.0590, 72.5740,
28.3660

■ 164.6750, 46.9920,
18.4160

■ 118.7510, 85.3650,
33.3410

■ 179.9830, 34.2010,
13.4410

■ 103.4430, 98.1560,
38.3160

■ 195.2910, 21.4100,
8.4660

■ 88.1350, 110.9470,
43.2910

■ 210.5990, 8.6190,
3.4910

■ 72.2400, 124.0130,
48.7890

■ 225.9070, -4.1720,
-1.4840

■ 67.3330, 128.1850,
50.2730

■ 241.8020,
-17.2380, -6.9820

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



151.7200, 43.0920, 34.0360



149.3670, 59.7830, 23.3910



147.8870, 60.4740, 5.3540

Triad

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



149.3670, 59.7830, 23.3910



136.7530, -16.6830, -33.5710



132.0580, -85.0040, -1.3240

Complementary

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



149.3670, 59.7830, 23.3910



189.6330, -59.7830, -23.3910

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.



119.8660, -111.5470, -21.3950



149.3670, 59.7830, 23.3910



121.7910, -72.5720, -39.4200

Square

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



149.3670, 59.7830, 23.3910



142.1890, 20.3160, -26.7880



118.4520, -102.0540, -33.7500



148.7880, -30.6770, 21.8270

Rectangle

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



149.3670, 59.7830, 23.3910



146.9640, 52.4070, -8.1450



118.4520, -102.0540, -33.7500



118.4130, -114.3450, -14.7370

Sweetspot

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



149.3670, 59.7830, 23.3910



229.9920, 20.8140, 8.2540



159.0440, 25.3450, 52.8090



112.6920, 12.7910, 4.9750



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.



149.3670, 59.7830, 23.3910



155.5550, 82.9810, 32.4930



175.7990, 48.7380, -2.2220



102.2890, 6.5560, 2.3320



52.7530, 100.2190, 39.4750



13.9820, 26.7740, 10.3740

Inverse Universe

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



149.3670, 59.7830, 23.3910



155.5550, 82.9810, 32.4930



163.2010, -48.7380, 2.2220



102.2890, 6.5560, 2.3320



52.7530, 100.2190, 39.4750



13.9820, 26.7740, 10.3740

Previews

White Background



This preview shows how the YIQ color 149.3670, 59.7830, 23.3910 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 149.3670, 59.7830, 23.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

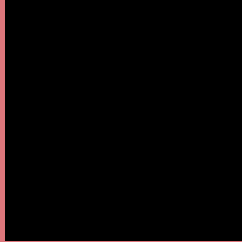
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.3670, 59.7830, 23.3910

Background



This preview shows how black text looks on a background with the YIQ color 149.3670, 59.7830, 23.3910.



This preview shows how white text looks on a background with the YIQ color 149.3670, 59.7830,

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

149.3670, 59.7830, 23.3910

Protanopia

148.6540, 6.7860, -1.8380

Deuteranopia

149.2340, 25.5840, -1.1040



Tritanopia

149.1220, 59.0950, 24.8470

Trichromacy



Original Color

149.3670, 59.7830, 23.3910

Protanomaly

148.8030, 25.7200, 7.4480

Deuteranomaly

149.1480, 37.8700, 7.5180

Tritanomaly

149.0080, 59.4160, 24.5360

Monochromacy



Original Color

149.3670, 59.7830, 23.3910

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2910, 21.4100, 8.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.3670, 59.7830, 23.3910 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(221, 118, 123)` looks like.

```
.text, #text, p{  
    color:rgb(221, 118, 123)  
}
```

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(221, 118, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 118, 123) }
```

Border

The CSS property to change the border of an element to YIQ 149.3670, 59.7830, 23.3910 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(221, 118, 123) }
```


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

```
.border{ border-color:rgb(221, 118, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 118, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 118, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 118, 123);  
box-shadow:4px 4px 4px 4px rgb(221, 118,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 149.3670, 59.7830, 23.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 118, 123) }
```

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

```
.background{ background-color: rgb(221,  
118, 123) }
```

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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