

Converting Colors

YIQ(149.1630, 42.6820, 19.4340)

Have a look what the booklet for
YIQ(149.1630, 42.6820, 19.4340)
contains.

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Color

**YIQ(149.1630, 42.6820,
19.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7D87
RGB	202, 125, 135
RGB Percent	79%, 49%, 53%
CMY	0.2077, 0.5099, 0.4704
CMYK	0.00, 0.38, 0.33, 0.21
HSL	352°, 42%, 64%
HSV	352°, 38%, 79%
XYZ	36.0758, 28.9728, 26.6278
YIQ	149.1630, 42.6820, 19.4340

Conversions

Conversions Part 2

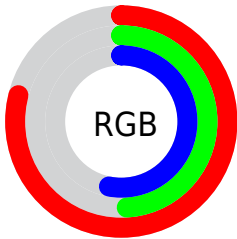
Format	Color
R _Y B	202, 125, 135
Decimal	13270407
CIE Lab	60.76, 31.17, 7.27
CIE LCh	61, 32.002, 13.131
Yxy	28.9728, 0.3935, 0.3160
Android (android.graphics.Color)	4291460487 (0xFFCA7D87)
YUV	149.1630, -6.9824, 46.3380
Hunter-Lab	53.8264, 25.4391, 8.3478

Details

The YIQ color **149.1630, 42.6820, 19.4340** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **177.8370, -42.6820, -19.4340**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.7500, 42.4070, 18.9110**, and **97.3690, 39.1060, 18.1620** is the 20% darker color. If you saturate the color by 10%, you get **135.3710, 53.9600, 24.2960**, and if you desaturate by 10%, it is **162.9550, 31.4040, 14.5720**.

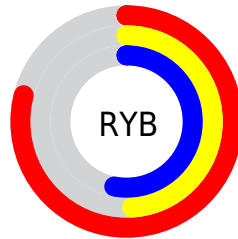
Distribution



Red (79%)

Green (49%)

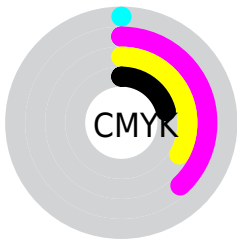
Blue (53%)



Red (79%)

Yellow (49%)

Blue (53%)

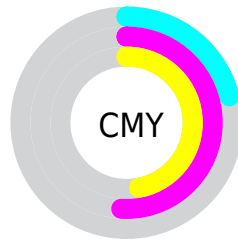


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (21%)



Cyan (21%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.1630, 42.6820, 19.4340 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 149.1630, 42.6820, 19.4340 by changing the saturation by 10% instead.


 149.1630, 42.6820,
19.4340


 149.1630, 42.6820,
19.4340


255.0000, -0.0000,
-0.0000


 122.6790, 41.1690,
19.3210


 202.7500, 42.4070,
18.9110


 96.7820, 39.3810,
18.6850


 221.7910, 25.9940,
13.4980

 71.9990, 37.2720,
18.3600

 242.0060, 9.0310,
7.0390

 47.4440, 34.5210,
18.6570

 22.6010, 32.6410,
19.6890

 13.5690, 26.4990,
9.8510

 0.0000, 0.0000,

0.0000

■ 149.1630, 42.6820,
19.4340

■ 149.1630, 42.6820,
19.4340

■ 135.3710, 53.9600,
24.2960

■ 162.9550, 31.4040,
14.5720

■ 121.6930, 64.9170,
29.4690

■ 176.6330, 20.4470,
9.3990

■ 107.3140, 76.4700,
34.8540

■ 191.0120, 8.8940,
4.0140

■ 93.6360, 87.4270,
40.0270

■ 204.6900, -2.0630,
-1.1590

■ 79.8440, 98.7050,
44.8890

■ 218.4820,
-13.3410, -6.0210

■ 66.1660, 109.6620,
50.0620

■ 232.1600,
-24.2980, -11.1940

■ 63.3620, 112.0460,
50.9100

■ 239.1530,
-31.5880, -11.2360

Harmonies

Analogous

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



150.6530, 26.8630, 25.2870



149.1630, 42.6820, 19.4340



147.6390, 46.6730, 7.6730

Triad

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



149.1630, 42.6820, 19.4340



139.9060, -3.5720, -23.3800



137.1180, -58.8700, -1.3820

Complementary

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



149.1630, 42.6820, 19.4340



177.8370, -42.6820, -19.4340

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.



127.1550, -78.6280, -17.7640



149.1630, 42.6820, 19.4340



135.2260, -33.8320, -25.6400

Square

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



149.1630, 42.6820, 19.4340



143.5840, 21.0020, -17.1900



128.3550, -64.8720, -24.7760



146.0020, -28.7040, 13.6000

Rectangle

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



149.1630, 42.6820, 19.4340



146.5040, 42.3190, -1.5290



128.3550, -64.8720, -24.7760



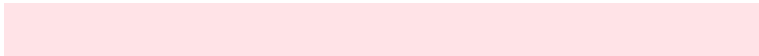
133.3510, -67.0760, -6.8520

Sweetspot

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



149.1630, 42.6820, 19.4340



235.8280, 15.4040, 7.1800



153.8110, 15.2150, 38.1510



116.3110, 9.4900, 4.2260



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.



149.1630, 42.6820, 19.4340



174.6930, 64.9170, 29.4690



164.4590, 38.1920, 1.6800



95.1040, 5.6390, 2.4310



52.1420, 91.8740, 42.0340



11.9320, 21.0430, 9.6110

Inverse Universe

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



149.1630, 42.6820, 19.4340



174.6930, 64.9170, 29.4690



162.5410, -38.1920, -1.6800



95.1040, 5.6390, 2.4310



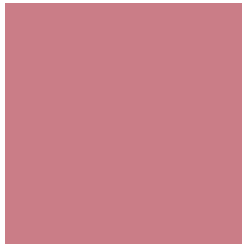
52.1420, 91.8740, 42.0340



11.9320, 21.0430, 9.6110

Previews

White Background



This preview shows how the YIQ color 149.1630, 42.6820, 19.4340 looks on a white background.

Color Contrast Check

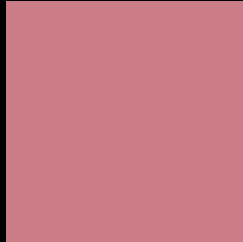
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.1630, 42.6820, 19.4340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

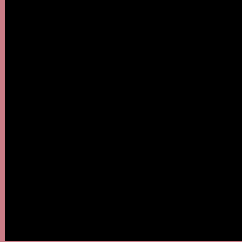
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.1630, 42.6820, 19.4340

Background



This preview shows how black text looks on a background with the YIQ color 149.1630, 42.6820, 19.4340.



This preview shows how white text looks on a background with the YIQ color 149.1630, 42.6820,

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

149.1630, 42.6820, 19.4340

Protanopia

147.3100, 2.0630, 1.1590

Deuteranopia

148.3350, 18.1100, 2.1900



Tritanopia

149.0490, 43.0030, 19.1230

Trichromacy



Original Color

149.1630, 42.6820, 19.4340

Protanomaly

147.8390, 16.8710, 8.1270

Deuteranomaly

148.8140, 27.1870, 8.3950

Tritanomaly

149.0490, 43.0030, 19.1230

Monochromacy



Original Color

149.1630, 42.6820, 19.4340

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.8280, 15.4040, 7.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.1630, 42.6820, 19.4340 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, 125, 135)` looks like.

```
.text, #text, p{  
    color:rgb(202, 125, 135)  
}
```

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, 125, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 125, 135) }
```

Border

The CSS property to change the border of an element to YIQ 149.1630, 42.6820, 19.4340 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, 125, 135) }
```


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

```
.border{ border-color:rgb(202, 125, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 125, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 125, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 125, 135);  
box-shadow:4px 4px 4px 4px rgb(202, 125,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 149.1630, 42.6820, 19.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 125, 135) }
```

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

```
.background{ background-color: rgb(202,  
125, 135) }
```

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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