

Converting Colors

YIQ(186.6640, 19.1620, 16.1700)

Have a look what the booklet for
YIQ(186.6640, 19.1620, 16.1700)
contains.

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Color

**YIQ(186.6640, 19.1620,
16.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	D7ABC1
RGB	215, 171, 193
RGB Percent	84%, 67%, 76%
CMY	0.1567, 0.3295, 0.2431
CMYK	0.00, 0.20, 0.10, 0.16
HSL	330°, 36%, 76%
HSV	330°, 20%, 84%
XYZ	52.2199, 47.4214, 56.8618
YIQ	186.6640, 19.1620, 16.1700

Conversions

Conversions Part 2

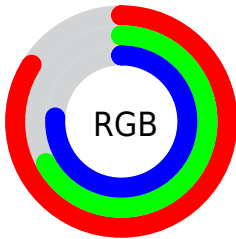
Format	Color
R_{YB}	215, 171, 193
Decimal	14134209
CIE _{Lab}	74.46, 19.61, -5.10
CIE _{LCh}	74, 20.258, 345.432
Yxy	47.4214, 0.3337, 0.3030
Android (android.graphics.Color)	4292324289 (0xFFD7ABC1)
YUV	186.6640, 3.1236, 24.8507
Hunter-Lab	68.8632, 14.8484, -0.7528

Details

The YIQ color **186.6640, 19.1620, 16.1700** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **199.3360, -19.1620, -16.1700**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.8800, 9.6260, 12.7780**, and **133.6530, 17.6950, 15.2230** is the 20% darker color. If you saturate the color by 10%, you get **172.4960, 28.7430, 24.2550**, and if you desaturate by 10%, it is **200.2450, 9.8560, 8.6080**.

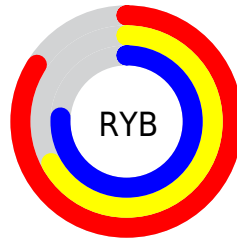
Distribution



Red (84%)

Green (67%)

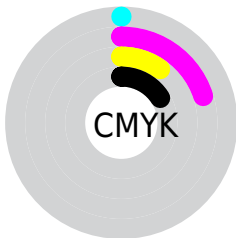
Blue (76%)



Red (84%)

Yellow (67%)

Blue (76%)

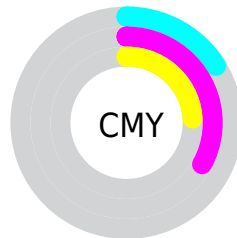


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (16%)



Cyan (16%)


Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.6640, 19.1620, 16.1700 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 186.6640, 19.1620, 16.1700 by changing the saturation by 10% instead.


 186.6640, 19.1620,
16.1700


 186.6640, 19.1620,
16.1700


255.0000, -0.0000,
-0.0000


 159.3650, 18.5660,
15.9580


 237.8800, 9.6260,
12.7780

 133.6530, 17.6950,
15.2230

 107.9410, 16.8240,
14.4880

 83.6420, 16.2280,
14.2760

 59.9300, 15.3570,
13.5410

 37.3320, 14.1650,
13.1170

 14.3860, 14.0730,

14.7850

■ 0.0000, 0.0000,
0.0000

■ 186.6640, 19.1620,
16.1700

■ 186.6640, 19.1620,
16.1700

■ 172.4960, 28.7430,
24.2550

■ 200.2450, 9.8560,
8.6080

■ 159.0290, 37.7280,
32.1280

■ 214.4130, 0.2750,
0.5230

■ 144.8610, 47.3090,
40.2130

■ 227.8800, -8.7100,
-7.3500

■ 131.2800, 56.6150,
47.7750

■ 240.8740,
-17.7410, -14.3890

■ 117.1120, 66.1960,
55.8600

■ 242.1280,
-21.2720, -10.9680

■ 103.6450, 75.1810,
63.7330

■ 243.0400,
-23.8400, -8.4800

■ 89.4770, 84.7620,
71.8180

■ 76.5970, 93.4720,
79.1680

Harmonies

Analogous

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



185.7530, 2.7940, 15.4500



186.6640, 19.1620, 16.1700



186.0040, 29.7080, 12.2680

Triad

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



186.6640, 19.1620, 16.1700



181.2660, 13.3900, -11.3940



176.8950, -39.4290, -6.7970

Complementary

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



186.6640, 19.1620, 16.1700



199.3360, -19.1620, -16.1700

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.



175.8320, -35.1180, -13.3420



186.6640, 19.1620, 16.1700



179.0620, -3.7110, -15.3510

Square

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



186.6640, 19.1620, 16.1700



183.5390, 26.0430, -3.9170



176.6670, -21.5920, -16.1840



180.4710, -32.0030, 1.7970

Rectangle

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



186.6640, 19.1620, 16.1700



185.5110, 32.4140, 7.2780



176.6670, -21.5920, -16.1840



176.3140, -39.2910, -9.2990

Sweetspot

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



186.6640, 19.1620, 16.1700



245.2830, 6.6930, 5.3570



182.2950, -1.6080, 18.1360



122.1470, 4.0800, 3.1520



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.



186.6640, 19.1620, 16.1700



213.7840, 27.8720, 23.5200



184.2700, 25.9030, 9.6390



99.9730, 4.6300, 4.1980



60.8190, 74.6310, 62.6870



15.3650, 18.5660, 15.9580

Inverse Universe

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



186.6640, 19.1620, 16.1700



213.7840, 27.8720, 23.5200



201.7300, -25.9030, -9.6390



99.9730, 4.6300, 4.1980



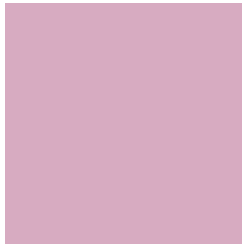
60.8190, 74.6310, 62.6870



15.3650, 18.5660, 15.9580

Previews

White Background



This preview shows how the YIQ color 186.6640, 19.1620, 16.1700 looks on a white background.

Color Contrast Check

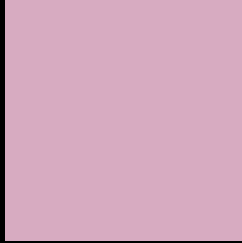
Large Text (above 18pt) WCAG AA × Fail

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 186.6640, 19.1620, 16.1700 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 ✓ Pass

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

YIQ 186.6640, 19.1620, 16.1700

Background



This preview shows how black text looks on a background with the YIQ color 186.6640, 19.1620, 16.1700.



This preview shows how white text looks on a background with the YIQ color 186.6640, 19.1620,

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

186.6640, 19.1620, 16.1700

Protanopia

184.0520, -5.7780, 5.5980

Deuteranopia

185.2770, 6.8300, 8.3820



Tritanopia

186.1540, 20.5380, 13.2580

Trichromacy



Original Color

186.6640, 19.1620, 16.1700

Protanomaly

184.9500, 3.4370, 9.3010

Deuteranomaly

185.6090, 11.8270, 11.4350

Tritanomaly

186.4960, 19.5750, 14.1910

Monochromacy



Original Color

186.6640, 19.1620, 16.1700

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.6960, 6.9680, 5.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.6640, 19.1620, 16.1700 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(215, 171, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 171, 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(215, 171, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 171, 193) }
```

Border

The CSS property to change the border of an element to YIQ 186.6640, 19.1620, 16.1700 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(215, 171, 193) }
```


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

```
.border{ border-color:rgb(215, 171, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 171, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 171, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 171, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 171,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 186.6640, 19.1620, 16.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 171, 193) }
```

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

```
.background{ background-color: rgb(215,  
171, 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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