

Converting Colors

YIQ(196.1670, 10.4960, 19.0400)

Have a look what the booklet for
YIQ(196.1670, 10.4960, 19.0400)
contains.

YIQ(196.1670, 10.4960, 19.0400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(196.1670, 10.4960,
19.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB5D9
RGB	218, 181, 217
RGB Percent	85%, 71%, 85%
CMY	0.1450, 0.2902, 0.1490
CMYK	0.00, 0.17, 0.00, 0.14
HSL	302°, 33%, 78%
HSV	302°, 17%, 86%
XYZ	57.9674, 52.9612, 72.8153
YIQ	196.1670, 10.4960, 19.0400

Conversions

Conversions Part 2

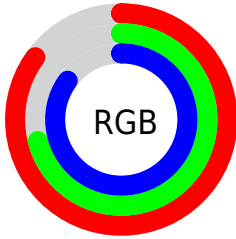
Format	Color
R _Y B	218, 181, 217
Decimal	14333401
CIE Lab	77.85, 19.48, -13.08
CIE LCh	78, 23.470, 326.118
Yxy	52.9612, 0.3155, 0.2882
Android (android.graphics.Color)	4292523481 (0xFFDAB5D9)
YUV	196.1670, 10.2707, 19.1475
Hunter-Lab	72.7744, 14.8264, -8.3812

Details

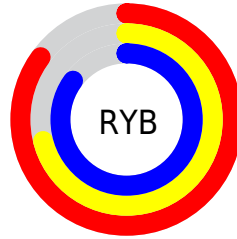
The YIQ color **196.1670, 10.4960, 19.0400** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.8330, -10.4960, -19.0400**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.4340, 4.9500, 9.4140**, and **142.3410, 9.9460, 17.9940** is the 20% darker color. If you saturate the color by 10%, you get **183.1390, 16.8670, 30.2350**, and if you desaturate by 10%, it is **209.1950, 4.1250, 7.8450**.

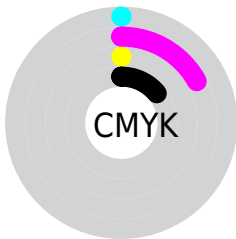
Distribution



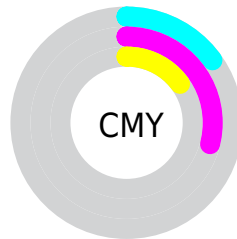
- Red (85%)
- Green (71%)
- Blue (85%)



- Red (85%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)





- Cyan (15%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.1670, 10.4960, 19.0400 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 196.1670, 10.4960, 19.0400 by changing the saturation by 10% instead.


 196.1670, 10.4960,
19.0400


 196.1670, 10.4960,
19.0400


255.0000, -0.0000,
-0.0000


 168.7540, 10.2210,
18.5170


 244.4340, 4.9500,
9.4140

 142.3410, 9.9460,
17.9940

 116.6290, 9.0750,
17.2590

 91.5150, 9.3960,
16.9480

 67.8030, 8.5250,
16.2130

 45.0910, 7.6540,
15.4780

 23.6780, 7.3790,

14.9550

■ 6.7650, 2.5200,
9.4000

■ 0.0000, 0.0000,
0.0000

■ 196.1670, 10.4960,
19.0400

■ 196.1670, 10.4960,
19.0400

■ 183.1390, 16.8670,
30.2350

■ 209.1950, 4.1250,
7.8450

■ 170.2250, 22.9170,
41.7410

■ 222.1090, -1.9250,
-3.6610

■ 157.7840, 29.0130,
52.4130

■ 234.5500, -8.0210,
-14.3330

■ 144.8700, 35.0630,
63.9190

■ 239.8330,
-10.4960, -19.0400

131.8420, 41.4340,
75.1140

239.9470,
-10.8170, -18.7290

118.8140, 47.8050,
86.3090

240.0610,
-11.1380, -18.4180

105.9000, 53.8550,
97.8150

240.1750,
-11.4590, -18.1070

93.4590, 59.9510,
108.4870

89.3500, 61.8760,
112.1480

Harmonies

Analogous

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



194.3970, -10.8230, 14.4330



196.1670, 10.4960, 19.0400



196.2090, 27.8730, 17.9930

Triad

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



196.1670, 10.4960, 19.0400



191.9040, 26.2730, -8.0870



183.2700, -45.1590, -13.0870

Complementary

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



196.1670, 10.4960, 19.0400



202.8330, -10.4960, -19.0400

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.



184.3390, -32.4120, -18.3320



196.1670, 10.4960, 19.0400



189.5920, 9.3560, -15.3800

Square

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



196.1670, 10.4960, 19.0400



193.7900, 35.7620, 1.6660



186.7620, -11.7340, -18.6300



185.5400, -45.6190, -4.7470

Rectangle

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



196.1670, 10.4960, 19.0400



195.6950, 35.0720, 14.1760



186.7620, -11.7340, -18.6300



183.3580, -42.5910, -15.5750

Sweetspot

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



196.1670, 10.4960, 19.0400



247.3690, 3.5750, 6.7990



185.5170, -11.2810, 11.7190



123.1900, 2.5210, 3.8730



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.



196.1670, 10.4960, 19.0400



224.9490, 14.3460, 26.3620



194.1150, 16.2740, 13.4420



103.4290, 3.3460, 5.4420



70.9930, 48.8590, 89.2350



18.8840, 12.9710, 23.7470

Inverse Universe

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



196.1670, 10.4960, 19.0400



224.9490, 14.3460, 26.3620



204.8850, -16.2740, -13.4420



103.4290, 3.3460, 5.4420



70.9930, 48.8590, 89.2350



18.8840, 12.9710, 23.7470

Previews

White Background



This preview shows how the YIQ color 196.1670, 10.4960, 19.0400 looks on a white background.

Color Contrast Check

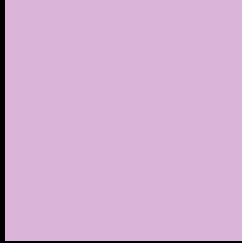
Large Text (above 18pt) WCAG AA × Fail

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 196.1670, 10.4960, 19.0400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

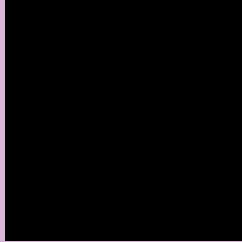
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.1670, 10.4960, 19.0400

Background



This preview shows how black text looks on a background with the YIQ color 196.1670, 10.4960, 19.0400.



This preview shows how white text looks on a background with the YIQ color 196.1670, 10.4960,

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

196.1670, 10.4960, 19.0400

Protanopia

193.5660, -12.9770, 9.4150

Deuteranopia

195.0790, -1.2400, 11.4640



Tritanopia

194.9790, 13.6610, 11.2370

Trichromacy



Original Color

196.1670, 10.4960, 19.0400

Protanomaly

194.1650, -4.3580, 12.9060

Deuteranomaly

195.1120, 3.1610, 14.3050

Tritanomaly

195.4890, 12.2850, 14.1490

Monochromacy



Original Color

196.1670, 10.4960, 19.0400

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.3690, 3.5750, 6.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.1670, 10.4960, 19.0400 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, 181, 217)` looks like.

```
.text, #text, p{  
    color:rgb(218, 181, 217)  
}
```

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, 181, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 181, 217) }
```

Border

The CSS property to change the border of an element to YIQ 196.1670, 10.4960, 19.0400 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, 181, 217) }
```


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

```
.border{ border-color:rgb(218, 181, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 181, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 181, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 181, 217); box-shadow:4px 4px 4px 4px rgb(218, 181, 217) }
```

Background

The CSS property to change the background color of an element to YIQ 196.1670, 10.4960, 19.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 181, 217) }
```

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

```
.background{ background-color: rgb(218,  
181, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor