

Converting Colors

YIQ(168.1420, 20.8120, 19.3080)

Have a look what the booklet for
YIQ(168.1420, 20.8120, 19.3080)
contains.

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Color

**YIQ(168.1420, 20.8120,
19.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	C896B2
RGB	200, 150, 178
RGB Percent	78%, 59%, 70%
CMY	0.2155, 0.4118, 0.3019
CMYK	0.00, 0.25, 0.11, 0.22
HSL	326°, 31%, 69%
HSV	326°, 25%, 78%
XYZ	42.7692, 37.3051, 47.0741
YIQ	168.1420, 20.8120, 19.3080

Conversions

Conversions Part 2

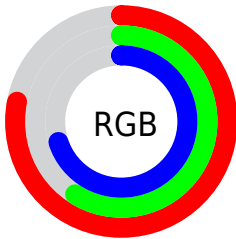
Format	Color
R _Y B	200, 150, 178
Decimal	13145778
CIE Lab	67.51, 23.21, -7.26
CIE LCh	68, 24.319, 342.643
Yxy	37.3051, 0.3364, 0.2934
Android (android.graphics.Color)	4291335858 (0xFFC896B2)
YUV	168.1420, 4.8600, 27.9395
Hunter-Lab	61.0779, 18.1063, -2.9415

Details

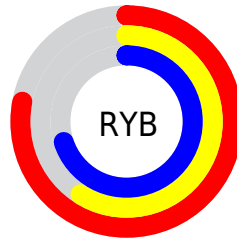
The YIQ color **168.1420, 20.8120, 19.3080** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.8580, -20.8120, -19.3080**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.2560, 20.4910, 19.6190**, and **115.7180, 19.0700, 17.8380** is the 20% darker color. If you saturate the color by 10%, you get **155.3760, 29.2010, 26.9690**, and if you desaturate by 10%, it is **180.9080, 12.4230, 11.6470**.

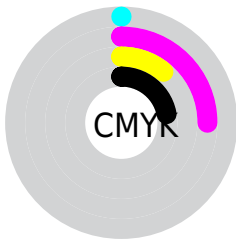
Distribution



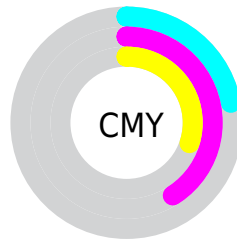
- Red (78%)
- Green (59%)
- Blue (70%)



- Red (78%)
- Yellow (59%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (11%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.1420, 20.8120, 19.3080 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 168.1420, 20.8120, 19.3080 by changing the saturation by 10% instead.


 168.1420, 20.8120,
19.3080


 168.1420, 20.8120,
19.3080


255.0000, -0.0000,
-0.0000


 141.4300, 19.9410,
18.5730


 222.6690, 20.7660,
20.1420


 115.7180, 19.0700,
17.8380

 242.0860, 6.0500,
11.5060

 90.4190, 18.4740,
17.6260

 66.8210, 17.2820,
17.2020

 43.8100, 15.8150,
16.2550

 21.5110, 15.2190,
16.0430

 7.7890, 11.1400,

7.3640

■ 0.0000, 0.0000,
0.0000

■ 168.1420, 20.8120,
19.3080

■ 168.1420, 20.8120,
19.3080

■ 155.3760, 29.2010,
26.9690

■ 180.9080, 12.4230,
11.6470

■ 142.6100, 37.5900,
34.6300

■ 193.6740, 4.0340,
3.9860

■ 129.9580, 45.6580,
42.6020

■ 206.3260, -4.0340,
-3.9860

■ 117.1920, 54.0470,
50.2630

■ 219.0920,
-12.4230, -11.6470

■ 104.4260, 62.4360,
57.9240

■ 231.8580,
-20.8120, -19.3080

■ 91.6600, 70.8250,
65.5850

■ 235.8190,
-25.0760, -19.1240

■ 78.8940, 79.2140,
73.2460

■ 236.8450,
-27.9650, -16.3250

■ 72.5680, 83.2480,
77.2320

■ 237.7570,
-30.5330, -13.8370

■ 238.5550,
-32.7800, -11.6600

Harmonies

Analogous

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



167.5510, 0.5470, 17.6270



168.1420, 20.8120, 19.3080



167.7380, 33.5130, 14.8970

Triad

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



168.1420, 20.8120, 19.3080



162.3650, 17.4250, -12.9350



155.2250, -49.2860, -9.8780

Complementary

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



168.1420, 20.8120, 19.3080



181.8580, -20.8120, -19.3080

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.



154.7170, -42.2240, -16.7200



168.1420, 20.8120, 19.3080



159.6660, -2.6560, -17.9520

Square

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



168.1420, 20.8120, 19.3080



164.7630, 31.2240, -4.2000



157.0040, -24.1590, -19.2230



159.4530, -40.7600, 0.8080

Rectangle

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



168.1420, 20.8120, 19.3080



166.4300, 37.1360, 9.8080



157.0040, -24.1590, -19.2230



154.5300, -48.8270, -12.6910

Sweetspot

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



168.1420, 20.8120, 19.3080



242.2340, 8.3890, 7.6610



162.2780, -2.9380, 20.2140



119.6850, 5.5010, 4.9330



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.



168.1420, 20.8120, 19.3080



206.5120, 31.8140, 29.1740



165.2920, 28.8370, 11.5330



93.2610, 3.7590, 3.4630



59.1110, 67.9370, 62.8570



13.0440, 15.0360, 13.8520

Inverse Universe

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



168.1420, 20.8120, 19.3080



206.5120, 31.8140, 29.1740



184.7080, -28.8370, -11.5330



93.2610, 3.7590, 3.4630



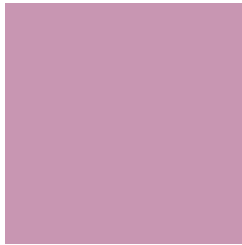
59.1110, 67.9370, 62.8570



13.0440, 15.0360, 13.8520

Previews

White Background



This preview shows how the YIQ color 168.1420, 20.8120, 19.3080 looks on a white background.

Color Contrast Check

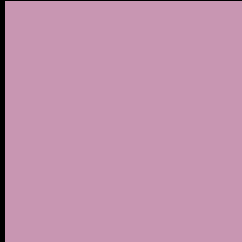
Large Text (above 18pt) WCAG AA × Fail

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 168.1420, 20.8120, 19.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

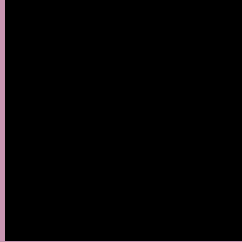
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.1420, 20.8120, 19.3080

Background



This preview shows how black text looks on a background with the YIQ color 168.1420, 20.8120, 19.3080.



This preview shows how white text looks on a background with the YIQ color 168.1420, 20.8120,

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

168.1420, 20.8120, 19.3080

Protanopia

165.0240, -8.5750, 6.7290

Deuteranopia

166.3090, 3.8040, 8.1560



Tritanopia

167.1220, 23.5640, 13.4840

Trichromacy



Original Color

168.1420, 20.8120, 19.3080

Protanomaly

165.9330, 2.1070, 11.3790

Deuteranomaly

166.7660, 9.9470, 12.4670

Tritanomaly

167.4040, 22.8300, 15.7740

Monochromacy



Original Color

168.1420, 20.8120, 19.3080

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.9350, 7.7930, 7.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.1420, 20.8120, 19.3080 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(200, 150, 178)` looks like.

```
.text, #text, p{  
    color:rgb(200, 150, 178)  
}
```

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(200, 150, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 150, 178) }
```

Border

The CSS property to change the border of an element to YIQ 168.1420, 20.8120, 19.3080 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(200, 150, 178) }
```


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

```
.border{ border-color:rgb(200, 150, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 150, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 150, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 150, 178);  
box-shadow:4px 4px 4px 4px rgb(200, 150,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 168.1420, 20.8120, 19.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 150, 178) }
```

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

```
.background{ background-color: rgb(200,  
150, 178) }
```

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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