

Converting Colors

YIQ(171.2080, 20.4460, 14.9260)

Have a look what the booklet for
YIQ(171.2080, 20.4460, 14.9260)
contains.

YIQ(171.2080, 20.4460, 14.9260)	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(171.2080, 20.4460,
14.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	C89CAE
RGB	200, 156, 174
RGB Percent	78%, 61%, 68%
CMY	0.2156, 0.3883, 0.3176
CMYK	0.00, 0.22, 0.13, 0.22
HSL	335°, 29%, 70%
HSV	335°, 22%, 78%
XYZ	43.3543, 39.1108, 45.3173
YIQ	171.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

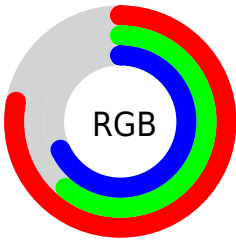
Format	Color
R _Y B	200, 156, 174
Decimal	13147310
CIE Lab	68.83, 19.24, -3.06
CIE LCh	69, 19.478, 350.951
Yxy	39.1108, 0.3393, 0.3061
Android (android.graphics.Color)	4291337390 (0xFFC89CAE)
YUV	171.2080, 1.3765, 25.2506
Hunter-Lab	62.5387, 14.3008, 0.8138

Details

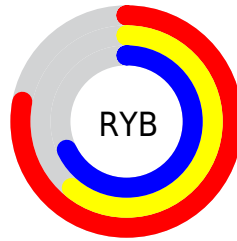
The YIQ color **171.2080, 20.4460, 14.9260** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **184.7920, -20.4460, -14.9260**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.2080, 20.4460, 14.9260**, and **118.6100, 19.2540, 14.5020** is the 20% darker color. If you saturate the color by 10%, you get **158.1000, 29.7980, 21.6540**, and if you desaturate by 10%, it is **184.3160, 11.0940, 8.1980**.

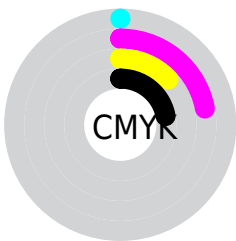
Distribution



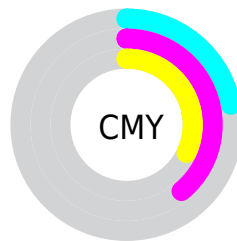
- Red (78%)
- Green (61%)
- Blue (68%)



- Red (78%)
- Yellow (61%)
- Blue (68%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (22%)




- Cyan (22%)
- Magenta (39%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.2080, 20.4460, 14.9260 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 171.2080, 20.4460, 14.9260 by changing the saturation by 10% instead.


 171.2080, 20.4460,
14.9260


 171.2080, 20.4460,
14.9260


255.0000, -0.0000,
-0.0000


 144.4960, 19.5750,
14.1910


 226.2080, 20.4460,
14.9260


 118.6100, 19.2540,
14.5020

 245.6080, 4.4000,
8.3680

 93.5990, 17.7870,
13.5550

 69.8870, 16.9160,
12.8200

 47.2890, 15.7240,
12.3960

 25.1040, 14.8070,
12.4950

 8.4150, 15.1290,

6.6570

■ 0.0000, 0.0000,
0.0000

■ 171.2080, 20.4460,
14.9260

■ 171.2080, 20.4460,
14.9260

■ 158.1000, 29.7980,
21.6540

■ 184.3160, 11.0940,
8.1980

■ 144.9920, 39.1500,
28.3820

■ 197.4240, 1.7420,
1.4700

■ 131.9980, 48.1810,
35.4210

■ 210.4180, -7.2890,
-5.5690

■ 118.8900, 57.5330,
42.1490

■ 223.5260,
-16.6410, -12.2970

■ 105.7820, 66.8850,
48.8770

■ 236.0470,
-25.7180, -18.5020

■ 92.6740, 76.2370,
55.6050

■ 237.4150,
-29.5700, -14.7700

■ 79.5660, 85.5890,
62.3330

■ 238.5550,
-32.7800, -11.6600

■ 69.1480, 92.8780,
67.9020

Harmonies

Analogous

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



171.1940, 5.8660, 14.8420



171.2080, 20.4460, 14.9260



170.6510, 29.2040, 10.3880

Triad

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



171.2080, 20.4460, 14.9260



165.9990, 9.7680, -11.8320



162.6180, -37.0910, -5.1150

Complementary

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



171.2080, 20.4460, 14.9260



184.7920, -20.4460, -14.9260

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.



160.8860, -35.2100, -11.6740



171.2080, 20.4460, 14.9260



163.5070, -6.4620, -15.0540

Square

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



171.2080, 20.4460, 14.9260



167.9300, 23.3840, -5.2880



161.8240, -23.4720, -15.1520



165.5640, -27.8310, 3.2810

Rectangle

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



171.2080, 20.4460, 14.9260



169.7880, 30.0760, 5.5960



161.8240, -23.4720, -15.1520



161.7380, -37.5490, -7.8290

Sweetspot

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



171.2080, 20.4460, 14.9260



243.1800, 8.4810, 5.9930



168.7900, 1.3720, 19.1960



120.7450, 5.2720, 3.5760



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.



171.2080, 20.4460, 14.9260



211.8120, 30.6690, 22.3890



171.5040, 25.1240, 7.2360



93.1470, 4.0800, 3.1520



56.3750, 75.6410, 55.3930



12.4740, 16.6410, 12.2970

Inverse Universe

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



171.2080, 20.4460, 14.9260



211.8120, 30.6690, 22.3890



184.4960, -25.1240, -7.2360



93.1470, 4.0800, 3.1520



56.3750, 75.6410, 55.3930



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 171.2080, 20.4460, 14.9260 looks on a white background.

Color Contrast Check

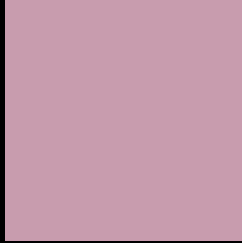
Large Text (above 18pt) WCAG AA × Fail

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 171.2080, 20.4460, 14.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

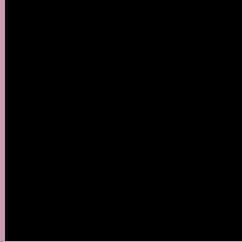
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.2080, 20.4460, 14.9260

Background



This preview shows how black text looks on a background with the YIQ color 171.2080, 20.4460, 14.9260.



This preview shows how white text looks on a background with the YIQ color 171.2080, 20.4460,

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

171.2080, 20.4460, 14.9260

Protanopia

168.8950, -3.8980, 4.5660

Deuteranopia

169.8210, 8.1140, 7.1380



Tritanopia

170.9260, 21.1800, 12.6360

Trichromacy



Original Color

171.2080, 20.4460, 14.9260

Protanomaly

169.7930, 5.3170, 8.2690

Deuteranomaly

170.1530, 13.1110, 10.1910

Tritanomaly

171.1540, 20.5380, 13.2580

Monochromacy



Original Color

171.2080, 20.4460, 14.9260

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.4680, 7.6100, 5.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.2080, 20.4460, 14.9260 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, 156, 174)` looks like.

```
.text, #text, p{  
    color:rgb(200, 156, 174)  
}
```

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, 156, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 156, 174) }
```

Border

The CSS property to change the border of an element to YIQ 171.2080, 20.4460, 14.9260 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, 156, 174) }
```


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

```
.border{ border-color:rgb(200, 156, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 156, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 156, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 156, 174);  
box-shadow:4px 4px 4px 4px rgb(200, 156,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 171.2080, 20.4460, 14.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 156, 174) }
```

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

```
.background{ background-color: rgb(200,  
156, 174) }
```

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