

Converting Colors

YIQ(199.8080, 0.9610, 10.1210)

Have a look what the booklet for
YIQ(199.8080, 0.9610, 10.1210)
contains.

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Color

**YIQ(199.8080, 0.9610,
10.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC1D8
RGB	207, 193, 216
RGB Percent	81%, 76%, 85%
CMY	0.1882, 0.2431, 0.1530
CMYK	0.04, 0.11, 0.00, 0.15
HSL	277°, 23%, 80%
HSV	277°, 11%, 85%
XYZ	57.1984, 56.3622, 72.8276
YIQ	199.8080, 0.9610, 10.1210

Conversions

Conversions Part 2

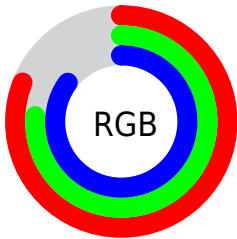
Format	Color
R_{YB}	207, 193, 216
Decimal	13615576
CIE _{Lab}	79.82, 9.12, -9.70
CIE _{LCh}	80, 13.315, 313.231
Yxy	56.3622, 0.3069, 0.3024
Android (android.graphics.Color)	4291805656 (0xFFCFC1D8)
YUV	199.8080, 7.9827, 6.3074
Hunter-Lab	75.0748, 4.6158, -4.9630

Details

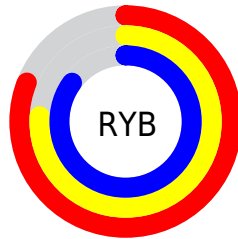
The YIQ color $199.8080, 0.9610, 10.1210$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $209.1920, -0.9610, -10.1210$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.4780, 1.6500, 3.1380$, and $145.6940, 1.2820, 9.8100$ is the 20% darker color. If you saturate the color by 10%, you get $184.5020, 2.2430, 19.9310$, and if you desaturate by 10%, it is $215.1140, -0.3210, 0.3110$.

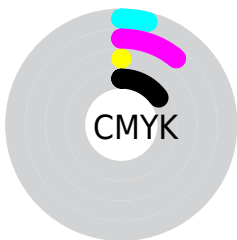
Distribution



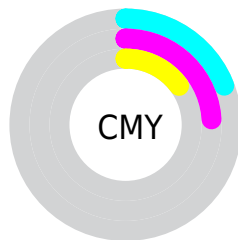
- Red (81%)
- Green (76%)
- Blue (85%)



- Red (81%)
- Yellow (76%)
- Blue (85%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.8080, 0.9610, 10.1210 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 199.8080, 0.9610, 10.1210 by changing the saturation by 10% instead.

■ 199.8080, 0.9610,
10.1210

■ 199.8080, 0.9610,
10.1210

■ 255.0000, -0.0000,
-0.0000

■ 172.3950, 0.6860,
9.5980

■ 251.4780, 1.6500,
3.1380

■ 145.6940, 1.2820,
9.8100

■ 120.2810, 1.0070,
9.2870

■ 95.2810, 1.0070,
9.2870

■ 71.7540, 1.0530,
8.4530

■ 49.3410, 0.7780,
7.9300

■ 27.9280, 0.5030,

7.4070

■ 5.5690, 0.1360,
8.5520

■ 0.0000, 0.0000,
0.0000

■ 199.8080, 0.9610,
10.1210

■ 199.8080, 0.9610,
10.1210

■ 184.5020, 2.2430,
19.9310

■ 215.1140, -0.3210,
0.3110

■ 169.4840, 2.6540,
29.0060

■ 230.1320, -0.7320,
-8.7640

■ 154.1780, 3.9360,
38.8160

■ 243.6770, -1.1890,
-17.0050

■ 139.1600, 4.3470,
47.8910

■ 246.3680, 4.1750,
-15.0970

■ 123.8540, 5.6290,
57.7010

■ 248.7600, 8.9430,
-13.4010

■ 108.2490, 6.3150,
67.2990

■ 250.5540, 12.5190,
-12.1290

■ 93.5300, 7.3220,
76.5860

■ 78.2240, 8.6040,
86.3960

■ 64.0920, 9.3360,
95.1600

Harmonies

Analogous

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



198.3550, -11.0050, 6.7150



199.8080, 0.9610, 10.1210



200.3810, 12.4690, 10.8130

Triad

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



199.8080, 0.9610, 10.1210



198.5860, 18.6610, -2.2910



193.4100, -22.0060, -8.6780

Complementary

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



199.8080, 0.9610, 10.1210



209.1920, -0.9610, -10.1210

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.



194.3200, -13.0650, -11.0250



199.8080, 0.9610, 10.1210



197.0470, 9.8130, -7.1390

Square

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



199.8080, 0.9610, 10.1210



199.4280, 22.2820, 3.6740



195.3060, -1.2820, -9.8100



194.3760, -24.6660, -4.5220

Rectangle

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



199.8080, 0.9610, 10.1210



200.0780, 17.6960, 9.6960



195.3060, -1.2820, -9.8100



193.5520, -19.5300, -9.4980

Sweetspot

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



199.8080, 0.9610, 10.1210



249.4070, 0.4120, 3.5480



200.9050, -9.8580, 2.4460



123.8800, 0.4580, 2.7140



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.



199.8080, 0.9610, 10.1210



231.7420, 1.3270, 14.5030



202.2710, 6.9670, 11.4070



99.3470, 0.6410, 4.9050



50.5900, 7.0930, 75.2290



12.6760, 1.6930, 18.8850

Inverse Universe

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



200.9030, 10.8190, 7.6750



233.3490, 15.4950, 11.0390



206.7290, -6.9670, -11.4070



99.8590, 4.9510, 3.8870



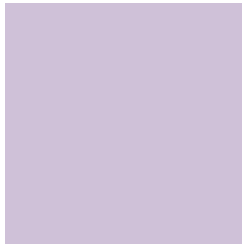
58.7670, 80.4090, 57.0890



14.7950, 20.1710, 14.4030

Previews

White Background



This preview shows how the YIQ color 199.8080, 0.9610, 10.1210 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 199.8080, 0.9610, 10.1210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

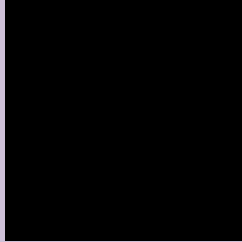
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.8080, 0.9610, 10.1210

Background



This preview shows how black text looks on a background with the YIQ color 199.8080, 0.9610, 10.1210.



This preview shows how white text looks on a background with the YIQ color 199.8080, 0.9610,

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

199.8080, 0.9610, 10.1210

Protanopia

198.7960, -7.9330, 6.1070

Deuteranopia

199.8190, 2.4280, 11.0680



Tritanopia

199.2980, 2.3370, 7.2090

Trichromacy



Original Color

199.8080, 0.9610, 10.1210

Protanomaly

199.2910, -4.9530, 7.1670

Deuteranomaly

199.5200, 1.8320, 10.8560

Tritanomaly

199.6400, 1.3740, 8.1420

Monochromacy



Original Color

199.8080, 0.9610, 10.1210

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.8200, 0.6870, 4.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8080, 0.9610, 10.1210 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(207, 193, 216)` looks like.

```
.text, #text, p{  
    color:rgb(207, 193, 216)  
}
```

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(207, 193, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 216) }
```

Border

The CSS property to change the border of an element to YIQ 199.8080, 0.9610, 10.1210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

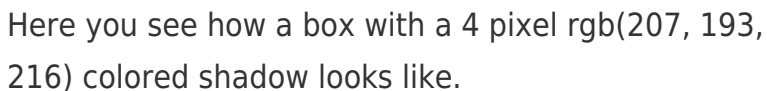
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 193, 216) }
```


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

```
.border{ border-color:rgb(207, 193, 216) }
```

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



Here you see how a box with a 4 pixel rgb(207, 193, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 216);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8080, 0.9610, 10.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 216) }
```

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

```
.background{ background-color: rgb(207,  
193, 216) }
```

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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