

Converting Colors

YIQ(199.8260, -7.4770, 19.8750)

Have a look what the booklet for
YIQ(199.8260, -7.4770, 19.8750)
contains.

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Color

**YIQ(199.8260, -7.4770,
19.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBDF2
RGB	205, 189, 242
RGB Percent	80%, 74%, 95%
CMY	0.1960, 0.2588, 0.0510
CMYK	0.15, 0.22, 0.00, 0.05
HSL	258°, 67%, 85%
HSV	258°, 22%, 95%
XYZ	59.4023, 55.7838, 91.6267
YIQ	199.8260, -7.4770, 19.8750

Conversions

Conversions Part 2

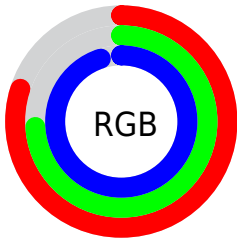
Format	Color
R _Y B	205, 189, 242
Decimal	13483506
CIE Lab	79.49, 15.89, -24.18
CIE LCh	79, 28.936, 303.311
Yxy	55.7838, 0.2872, 0.2697
Android (android.graphics.Color)	4291673586 (0xFFCDBDF2)
YUV	199.8260, 20.7918, 4.5376
Hunter-Lab	74.6885, 11.2621, -20.4540

Details

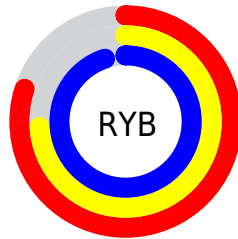
The YIQ color $199.8260, -7.4770, 19.8750$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $231.1740, 7.4770, -19.8750$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.1300, 2.7500, 5.2300$, and $145.8860, -7.7060, 18.5180$ is the 20% darker color. If you saturate the color by 10%, you get $180.6550, -11.0090, 28.8230$, and if you desaturate by 10%, it is $218.9970, -3.9450, 10.9270$.

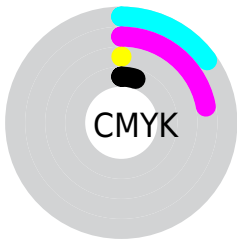
Distribution



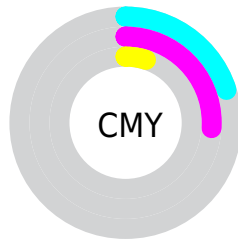
- Red (80%)
- Green (74%)
- Blue (95%)



- Red (80%)
- Yellow (74%)
- Blue (95%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.8260, -7.4770, 19.8750 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 199.8260, -7.4770, 19.8750 by changing the saturation by 10% instead.

■ 199.8260, -7.4770,
19.8750

■ 199.8260, -7.4770,
19.8750

■ 255.0000, -0.0000,
-0.0000

■ 172.4130, -7.7520,
19.3520

■ 249.1300, 2.7500,
5.2300

■ 145.8860, -7.7060,
18.5180

■ 119.7720, -7.3850,
18.2070

■ 95.1310, -7.0180,
17.0620

■ 71.3050, -7.5680,
16.0160

■ 48.4790, -8.1180,
14.9700

■ 26.5390, -8.3470,

13.6130

■ 6.1260, -8.6220,
13.0900

■ 2.1830, -4.7690,
3.8310

■ 199.8260, -7.4770,
19.8750

■ 199.8260, -7.4770,
19.8750

■ 180.6550,
-11.0090, 28.8230

■ 218.9970, -3.9450,
10.9270

■ 161.4840,
-14.5410, 37.7710

■ 238.1680, -0.4130,
1.9790

■ 141.7260,
-17.7980, 47.2420

■ 253.5180, 4.1730,
-4.0430

■ 122.5550,
-21.3300, 56.1900

■ 103.6830,
-24.2660, 65.3500

■ 84.5120, -27.7980,
74.2980

■ 65.3410, -31.3300,
83.2460

■ 49.4150, -34.1740,
90.7380

Harmonies

Analogous

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



194.9580, -34.5720, 9.8120



199.8260, -7.4770, 19.8750



201.5210, 18.4270, 23.9870

Triad

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



199.8260, -7.4770, 19.8750



197.7320, 41.6770, -0.9070



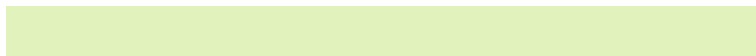
185.1030, -46.4870, -22.0630

Complementary

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



199.8260, -7.4770, 19.8750



231.1740, 7.4770, -19.8750

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.



188.6250, -21.7740, -23.9020



199.8260, -7.4770, 19.8750



195.3400, 27.7410, -12.6670

Square

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



199.8260, -7.4770, 19.8750



199.6760, 45.2510, 11.4190



191.9780, 5.0930, -20.7230



184.3050, -61.4350, -15.4750

Rectangle

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



199.8260, -7.4770, 19.8750



201.2960, 32.1820, 22.5020



191.9780, 5.0930, -20.7230



186.4690, -38.8300, -23.1660

Sweetspot

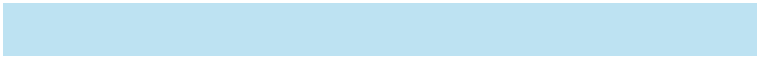
The Sweet Spot groups the original color and five complimentary colors.



199.8260, -7.4770, 19.8750



240.8460, -2.2020, 6.8700



216.7610, -27.1880, -2.8680



119.1510, -1.7430, 4.0570



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.



199.8260, -7.4770, 19.8750



202.5040, -9.2660, 24.7660



207.6000, 8.0190, 25.3870



110.2650, -2.0640, 4.3680



37.7200, -25.6880, 69.0960



11.4670, -7.8440, 21.0200

Inverse Universe

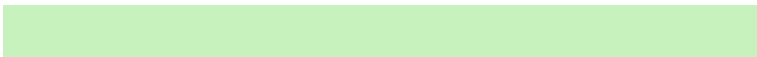
The Inverse Universe completely reimagines the original color for something new.



209.0650, 19.7110, 22.7430



213.9780, 24.5700, 28.2980



223.4000, -8.0190, -25.3870



112.5000, 4.5840, 5.0320



69.6080, 68.5760, 78.8160



21.1900, 20.8570, 24.0010

Previews

White Background



This preview shows how the YIQ color 199.8260, -7.4770, 19.8750 looks on a white background.

Color Contrast Check

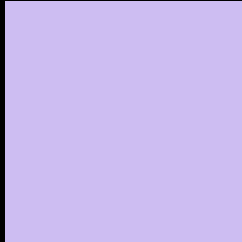
Large Text (above 18pt) WCAG AA × Fail

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 199.8260, -7.4770, 19.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

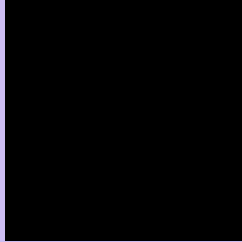
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.8260, -7.4770, 19.8750

Background



This preview shows how black text looks on a background with the YIQ color 199.8260, -7.4770, 19.8750.



This preview shows how white text looks on a background with the YIQ color 199.8260, -7.4770,

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

199.8260, -7.4770, 19.8750

Protanopia

197.8240, -22.3310, 13.7410

Deuteranopia

198.7710, -14.8120, 15.1400



Tritanopia

198.2050, -1.8350, 5.7250

Trichromacy



Original Color

199.8260, -7.4770, 19.8750

Protanomaly

198.6290, -17.2880, 15.9600

Deuteranomaly

199.3800, -12.1530, 16.5110

Tritanomaly

198.9970, -3.9450, 10.9270

Monochromacy



Original Color

199.8260, -7.4770, 19.8750

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9600, -2.5230, 7.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8260, -7.4770, 19.8750 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(205, 189, 242)` looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 242)  
}
```

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(205, 189, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 242) }
```

Border

The CSS property to change the border of an element to YIQ 199.8260, -7.4770, 19.8750 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(205, 189, 242) }
```


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

```
.border{ border-color:rgb(205, 189, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 189, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 189, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 189, 242);  
box-shadow:4px 4px 4px 4px rgb(205, 189,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8260, -7.4770, 19.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 189, 242) }
```

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

```
.background{ background-color: rgb(205,  
189, 242) }
```

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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