

Converting Colors

YIQ(198.2770, -1.1970, 27.2110)

Have a look what the booklet for
YIQ(198.2770, -1.1970, 27.2110)
contains.

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Color

**YIQ(198.2770, -1.1970,
27.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B5F6
RGB	214, 181, 246
RGB Percent	84%, 71%, 96%
CMY	0.1607, 0.2902, 0.0353
CMYK	0.13, 0.26, 0.00, 0.04
HSL	271°, 78%, 84%
HSV	271°, 26%, 96%
XYZ	60.8939, 53.9958, 94.3903
YIQ	198.2770, -1.1970, 27.2110

Conversions

Conversions Part 2

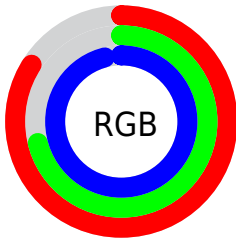
Format	Color
R _Y B	214, 181, 246
Decimal	14071286
CIE Lab	78.46, 23.89, -27.84
CIE LCh	78, 36.682, 310.628
Yxy	53.9958, 0.2910, 0.2580
Android (android.graphics.Color)	4292261366 (0xFFD6B5F6)
YUV	198.2770, 23.5274, 13.7891
Hunter-Lab	73.4819, 19.3284, -24.7230

Details

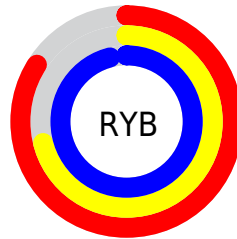
The YIQ color $198.2770, -1.1970, 27.2110$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $228.7230, 1.1970, -27.2110$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.4340, 4.9500, 9.4140$, and $144.3370, -1.4260, 25.8540$ is the 20% darker color. If you saturate the color by 10%, you get $180.0140, -1.4740, 37.7420$, and if you desaturate by 10%, it is $216.5400, -0.9200, 16.6800$.

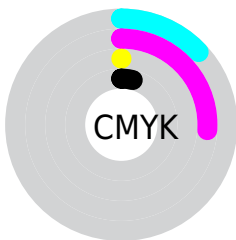
Distribution



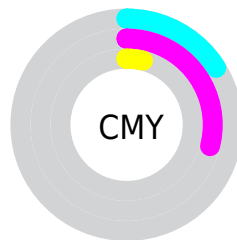
- Red (84%)
- Green (71%)
- Blue (96%)



- Red (84%)
- Yellow (71%)
- Blue (96%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.2770, -1.1970, 27.2110 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 198.2770, -1.1970, 27.2110 by changing the saturation by 10% instead.

■ 198.2770, -1.1970,
27.2110

■ 198.2770, -1.1970,
27.2110

■ 255.0000, -0.0000,
-0.0000

■ 170.7500, -1.1510,
26.3770

■ 244.4340, 4.9500,
9.4140

■ 144.2230, -1.1050,
25.5430

■ 118.3970, -1.6550,
24.4970

■ 92.9840, -1.9300,
23.9740

■ 69.0440, -2.1590,
22.6170

■ 46.2180, -2.7090,
21.5710

■ 23.9790, -3.5340,

20.0020

■ 8.1480, -5.6880,
14.9840

■ 2.6390, -6.0530,
5.0750

■ 198.2770, -1.1970,
27.2110

■ 198.2770, -1.1970,
27.2110

■ 180.0140, -1.4740,
37.7420

■ 216.5400, -0.9200,
16.6800

■ 162.3380, -2.0260,
47.7500

■ 234.2160, -0.3680,
6.6720

■ 144.0750, -2.3030,
58.2810

■ 252.4790, -0.0910,
-3.8590

■ 126.3990, -2.8550,
68.2890

■ 253.9740, 2.8890,
-2.7990

■ 108.1360, -3.1320,
78.8200

■ 89.5740, -4.0050,
89.1390

■ 71.8980, -4.5570,
99.1470

■ 65.4190, -4.4660,
103.0060

Harmonies

Analogous

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



191.9950, -35.9940, 13.5580



198.2770, -1.1970, 27.2110



199.0820, 30.2090, 30.7290

Triad

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



198.2770, -1.1970, 27.2110



193.6910, 48.9220, -5.5580



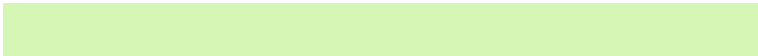
174.7130, -71.9320, -28.9880

Complementary

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



198.2770, -1.1970, 27.2110



228.7230, 1.1970, -27.2110

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.



181.2100, -36.9030, -30.5590



198.2770, -1.1970, 27.2110



190.7110, 27.8340, -19.8620

Square

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



198.2770, -1.1970, 27.2110



195.5970, 55.6590, 10.0190



186.6410, -1.5080, -27.7480



173.0120, -88.5310, -20.0110

Rectangle

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



198.2770, -1.1970, 27.2110



197.0910, 43.1850, 26.8410



186.6410, -1.5080, -27.7480



177.0470, -61.2490, -29.8650

Sweetspot

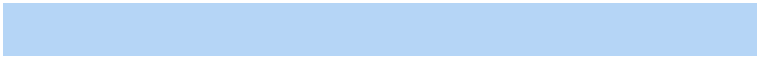
The Sweet Spot groups the original color and five complimentary colors.



198.2770, -1.1970, 27.2110



240.2700, -0.4600, 8.3400



207.1940, -29.6650, 3.4790



118.2760, -0.5970, 5.3150



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.



198.2770, -1.1970, 27.2110



194.9060, -1.2900, 34.4060



207.8450, 17.8750, 33.9950



113.1620, -0.2760, 5.0040



49.6090, -3.0860, 77.9860



15.6960, -1.0590, 24.7090

Inverse Universe

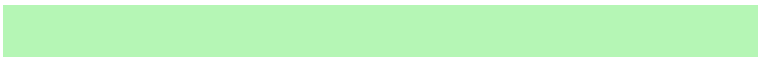
The Inverse Universe completely reimagines the original color for something new.



204.0830, 28.4680, 23.7320



202.1920, 35.7110, 30.1350



219.1550, -17.8750, -33.9950



114.2720, 5.2260, 4.4100



66.1020, 81.3240, 68.0440



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 198.2770, -1.1970, 27.2110 looks on a white background.

Color Contrast Check

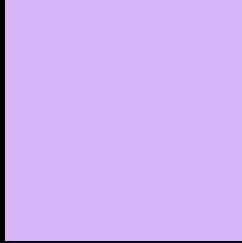
Large Text (above 18pt) WCAG AA × Fail

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 198.2770, -1.1970, 27.2110 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 198.2770, -1.1970, 27.2110

Background



This preview shows how black text looks on a background with the YIQ color 198.2770, -1.1970, 27.2110.



This preview shows how white text looks on a background with the YIQ color 198.2770, -1.1970,

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

198.2770, -1.1970, 27.2110

Protanopia

194.8820, -28.2460, 16.3140

Deuteranopia

195.2590, -19.1220, 16.1580



Tritanopia

196.0920, 5.9130, 8.4810

Trichromacy



Original Color

198.2770, -1.1970, 27.2110

Protanomaly

196.0790, -18.4350, 20.2290

Deuteranomaly

196.6020, -12.6580, 20.1580

Tritanomaly

196.9380, 3.7110, 15.3510

Monochromacy



Original Color

198.2770, -1.1970, 27.2110

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.2100, -0.2310, 9.6970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.2770, -1.1970, 27.2110 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(214, 181, 246)` looks like.

```
.text, #text, p{  
    color:rgb(214, 181, 246)  
}
```

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(214, 181, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 181, 246) }
```

Border

The CSS property to change the border of an element to YIQ 198.2770, -1.1970, 27.2110 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(214, 181, 246) }
```


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

```
.border{ border-color:rgb(214, 181, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 181, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 181, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 181, 246);  
box-shadow:4px 4px 4px 4px rgb(214, 181,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 198.2770, -1.1970, 27.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 181, 246) }
```

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

```
.background{ background-color: rgb(214,  
181, 246) }
```

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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