

Converting Colors

YIQ(199.4510, -1.7470, 26.1650)

Have a look what the booklet for
YIQ(199.4510, -1.7470, 26.1650)
contains.

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Color

**YIQ(199.4510, -1.7470,
26.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B7F6
RGB	214, 183, 246
RGB Percent	84%, 72%, 96%
CMY	0.1607, 0.2824, 0.0353
CMYK	0.13, 0.26, 0.00, 0.04
HSL	270°, 78%, 84%
HSV	270°, 26%, 96%
XYZ	61.3032, 54.8151, 94.5267
YIQ	199.4510, -1.7470, 26.1650

Conversions

Conversions Part 2

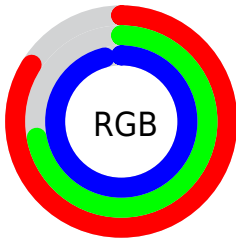
Format	Color
R _Y B	214, 183, 246
Decimal	14071798
CIE Lab	78.93, 22.80, -27.11
CIE LCh	79, 35.425, 310.062
Yxy	54.8151, 0.2910, 0.2602
Android (android.graphics.Color)	4292261878 (0xFFD6B7F6)
YUV	199.4510, 22.9487, 12.7595
Hunter-Lab	74.0372, 18.2337, -23.8722

Details

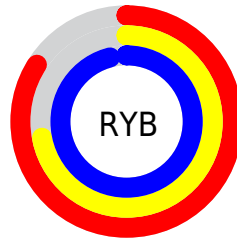
The YIQ color $199.4510, -1.7470, 26.1650$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $229.5490, 1.7470, -26.1650$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6080, 4.4000, 8.3680$, and $145.5110, -1.9760, 24.8080$ is the 20% darker color. If you saturate the color by 10%, you get $181.1880, -2.0240, 36.6960$, and if you desaturate by 10%, it is $218.0130, -0.8740, 15.8460$.

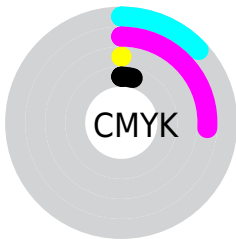
Distribution



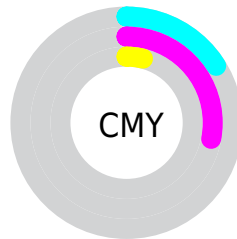
- Red (84%)
- Green (72%)
- Blue (96%)



- Red (84%)
- Yellow (72%)
- Blue (96%)



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





- Cyan (16%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.4510, -1.7470, 26.1650 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 199.4510, -1.7470, 26.1650 by changing the saturation by 10% instead.


 199.4510, -1.7470,
26.1650

 199.4510, -1.7470,
26.1650


255.0000, -0.0000,
-0.0000


 171.9240, -1.7010,
25.3310


 245.6080, 4.4000,
8.3680

 145.5110, -1.9760,
24.8080

 119.5710, -2.2050,
23.4510

 94.1580, -2.4800,
22.9280

 70.2180, -2.7090,
21.5710

 47.3920, -3.2590,
20.5250

 25.4520, -3.4880,

19.1680

■ 8.7460, -4.4960,
15.4080

■ 2.6390, -6.0530,
5.0750

■ 199.4510, -1.7470,
26.1650

■ 199.4510, -1.7470,
26.1650

■ 181.1880, -2.0240,
36.6960

■ 218.0130, -0.8740,
15.8460

■ 163.2130, -3.1720,
46.4920

■ 235.6890, -0.3220,
5.8380

■ 144.9500, -3.4490,
57.0230

■ 252.7780, 0.5050,
-3.6470

■ 126.9750, -4.5970,
66.8190

■ 253.9740, 2.8890,
-2.7990

■ 108.7120, -4.8740,
77.3500

■ 90.1500, -5.7470,
87.6690

■ 72.4740, -6.2990,
97.6770

■ 64.2230, -6.8500,
102.1580

Harmonies

Analogous

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



193.7670, -35.3520, 12.9360



199.4510, -1.7470, 26.1650



200.0710, 28.7420, 29.7820

Triad

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



199.4510, -1.7470, 26.1650



195.3210, 47.0880, -5.3600



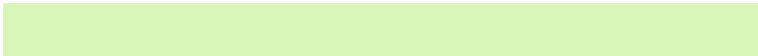
177.8060, -67.7600, -27.5040

Complementary

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



199.4510, -1.7470, 26.1650



229.5490, 1.7470, -26.1650

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.



183.5200, -34.8400, -29.4000



199.4510, -1.7470, 26.1650



192.3520, 27.4670, -18.7170

Square

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



199.4510, -1.7470, 26.1650



197.2270, 53.8250, 10.2170



188.4670, -0.9580, -26.7020



176.2900, -83.4420, -18.6260

Rectangle

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



199.4510, -1.7470, 26.1650



199.0800, 41.7180, 25.8940



188.4670, -0.9580, -26.7020



179.1400, -57.0770, -28.3810

Sweetspot

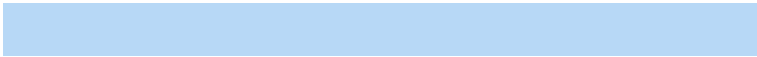
The Sweet Spot groups the original color and five complimentary colors.



199.4510, -1.7470, 26.1650



240.2700, -0.4600, 8.3400



209.5530, -29.2980, 2.3340



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.



199.4510, -1.7470, 26.1650



196.6670, -2.1150, 32.8370



208.7200, 16.7290, 32.7370



113.1620, -0.2760, 5.0040



48.7120, -4.8740, 77.3500



15.3970, -1.6550, 24.4970

Inverse Universe

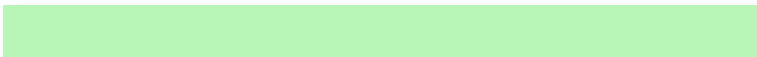
The Inverse Universe completely reimagines the original color for something new.



205.4850, 27.2760, 23.3080



204.1810, 34.2440, 29.1880



220.2800, -16.7290, -32.7370



114.2720, 5.2260, 4.4100



66.3300, 80.6820, 68.6660



21.0610, 25.5340, 21.8380

Previews

White Background



This preview shows how the YIQ color 199.4510, -1.7470, 26.1650 looks on a white background.

Color Contrast Check

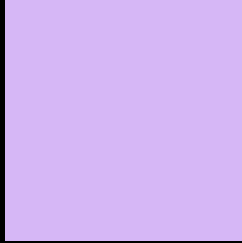
Large Text (above 18pt) WCAG AA × Fail

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 199.4510, -1.7470, 26.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

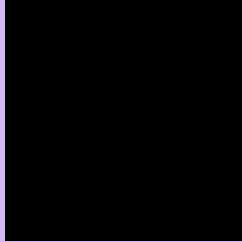
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.4510, -1.7470, 26.1650

Background



This preview shows how black text looks on a background with the YIQ color 199.4510, -1.7470, 26.1650.



This preview shows how white text looks on a background with the YIQ color 199.4510, -1.7470,

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

199.4510, -1.7470, 26.1650

Protanopia

195.9530, -27.0080, 15.9040

Deuteranopia

197.0310, -18.4800, 15.5360



Tritanopia

197.3800, 5.0420, 7.7460

Trichromacy



Original Color

199.4510, -1.7470, 26.1650

Protanomaly

196.8510, -17.7930, 19.6070

Deuteranomaly

198.0750, -12.6120, 19.3240

Tritanomaly

198.2260, 2.8400, 14.6160

Monochromacy



Original Color

199.4510, -1.7470, 26.1650

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9110, -0.8270, 9.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.4510, -1.7470, 26.1650 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, 183, 246)` looks like.

```
.text, #text, p{  
    color:rgb(214, 183, 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, 183, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 183, 246) }
```

Border

The CSS property to change the border of an element to YIQ 199.4510, -1.7470, 26.1650 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, 183, 246) }
```


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

```
.border{ border-color:rgb(214, 183, 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, 183, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 183, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 183, 246); box-shadow:4px 4px 4px 4px rgb(214, 183, 246) }
```

Background

The CSS property to change the background color of an element to YIQ 199.4510, -1.7470, 26.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 183, 246) }
```

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

```
.background{ background-color: rgb(214,  
183, 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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