

Converting Colors

YIQ(199.8810, -0.1420, 24.6100)

Have a look what the booklet for
YIQ(199.8810, -0.1420, 24.6100)
contains.

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Color

**YIQ(199.8810, -0.1420,
24.6100)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D7B8F2 |
| RGB | 215, 184, 242 |
| RGB Percent | 84%, 72%, 95% |
| CMY | 0.1567, 0.2785, 0.0510 |
| CMYK | 0.11, 0.24, 0.00, 0.05 |
| HSL | 272°, 69%, 84% |
| HSV | 272°, 24%, 95% |
| XYZ | 61.1956, 55.1371, 91.4124 |
| YIQ | 199.8810, -0.1420, 24.6100 |

Conversions

Conversions Part 2

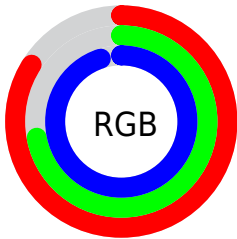
| Format | Color |
|-------------------------------------|--|
| RYB | 215, 184, 242 |
| Decimal | 14137586 |
| CIELab | 79.12, 21.75, -24.67 |
| CIELCh | 79, 32.890, 311.394 |
| Yxy | 55.1371, 0.2946, 0.2654 |
| Android (android.graphics.Color) | 4292327666 (0xFFD7B8F2) |
| YUV | 199.8810, 20.7647, 13.2594 |
| Hunter-Lab | 74.2543, 17.1632, -21.0122 |

Details

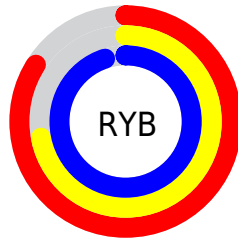
The YIQ color $199.8810, -0.1420, 24.6100$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $226.1190, 0.1420, -24.6100$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.1950, 4.1250, 7.8450$, and $145.9410, -0.3710, 23.2530$ is the 20% darker color. If you saturate the color by 10%, you get $182.5040, -0.0980, 34.8300$, and if you desaturate by 10%, it is $217.2580, -0.1860, 14.3900$.

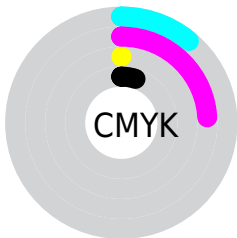
Distribution



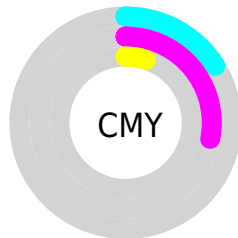
- Red (84%)
- Green (72%)
- Blue (95%)



- Red (84%)
- Yellow (72%)
- Blue (95%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)





- Cyan (16%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.8810, -0.1420, 24.6100 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 199.8810, -0.1420, 24.6100 by changing the saturation by 10% instead.


 199.8810, -0.1420,
24.6100

 199.8810, -0.1420,
24.6100


255.0000, -0.0000,
-0.0000


 172.4680, -0.4170,
24.0870


 246.1950, 4.1250,
7.8450

 145.9410, -0.3710,
23.2530

 119.5280, -0.6460,
22.7300

 94.5880, -0.8750,
21.3730

 71.0610, -0.8290,
20.5390

 48.2350, -1.3790,
19.4930

 26.2950, -1.6080,

18.1360

■ 9.1160, -2.6620,
15.2100

■ 2.1830, -4.7690,
3.8310

■ 199.8810, -0.1420,
24.6100

■ 199.8810, -0.1420,
24.6100

■ 182.5040, -0.0980,
34.8300

■ 217.2580, -0.1860,
14.3900

■ 165.1270, -0.0540,
45.0500

■ 234.9340, 0.3660,
4.3820

■ 146.8640, -0.3310,
55.5810

■ 251.7240, 0.5970,
-5.3150

■ 129.4870, -0.2870,
65.8010

■ 253.5180, 4.1730,
-4.0430

■ 112.1100, -0.2430,
76.0210

■ 94.7330, -0.1990,
86.2410

■ 77.0570, -0.7510,
96.2490

■ 66.4580, -0.2020,
102.8220

Harmonies

Analogous

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



195.2620, -32.3720, 13.9960



199.8810, -0.1420, 24.6100



200.8920, 27.6880, 26.8560

Triad

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



199.8810, -0.1420, 24.6100



195.5810, 43.4200, -4.9640



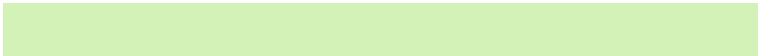
180.3230, -61.8460, -24.5500

Complementary

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



199.8810, -0.1420, 24.6100



226.1190, 0.1420, -24.6100

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.



184.4710, -33.1440, -27.0960



199.8810, -0.1420, 24.6100



193.3240, 24.6700, -17.5860

Square

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



199.8810, -0.1420, 24.6100



198.0310, 51.4410, 9.3690



189.3360, -1.9670, -24.9350



180.5470, -73.8600, -16.0680

Rectangle

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



199.8810, -0.1420, 24.6100



200.1400, 41.4890, 24.5370



189.3360, -1.9670, -24.9350



181.7600, -52.9510, -26.0630

Sweetspot

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



199.8810, -0.1420, 24.6100



242.0420, 0.1820, 7.7180



206.4610, -26.0430, 3.9170



120.0480, 0.0450, 4.6930



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.



199.8810, -0.1420, 24.6100



201.3960, 0.0860, 31.4940



207.7260, 16.5920, 29.7120



111.1620, -0.2760, 5.0040



50.2780, -0.6560, 78.0000



15.3540, -0.0960, 23.7760

Inverse Universe

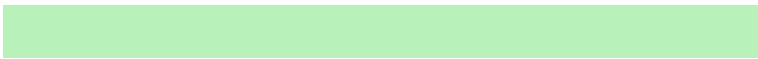
The Inverse Universe completely reimagines the original color for something new.



204.4200, 25.9010, 20.6930



207.0020, 33.1900, 26.2620



218.2740, -16.5920, -29.7120



112.1580, 5.5470, 4.0990



64.7060, 82.3790, 65.4430



19.7080, 25.0300, 19.9580

Previews

White Background



This preview shows how the YIQ color 199.8810, -0.1420, 24.6100 looks on a white background.

Color Contrast Check

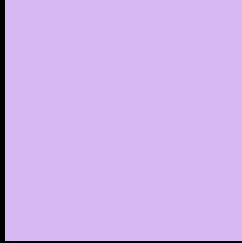
Large Text (above 18pt) WCAG AA × Fail

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 199.8810, -0.1420, 24.6100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

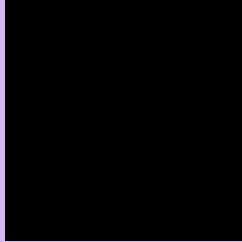
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.8810, -0.1420, 24.6100

Background



This preview shows how black text looks on a background with the YIQ color 199.8810, -0.1420, 24.6100.



This preview shows how white text looks on a background with the YIQ color 199.8810, -0.1420,

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

199.8810, -0.1420, 24.6100

Protanopia

196.6820, -24.8070, 14.5610

Deuteranopia

197.7710, -14.8120, 15.1400



Tritanopia

198.0920, 5.9130, 8.4810

Trichromacy



Original Color

199.8810, -0.1420, 24.6100

Protanomaly

197.5800, -15.5920, 18.2640

Deuteranomaly

198.5160, -9.5400, 18.7160

Tritanomaly

198.4110, 3.7570, 14.5170

Monochromacy



Original Color

199.8810, -0.1420, 24.6100

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.6830, -0.1850, 8.8630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8810, -0.1420, 24.6100 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(215, 184, 242)` looks like.

```
.text, #text, p{  
    color:rgb(215, 184, 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(215, 184, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 184, 242) }
```

Border

The CSS property to change the border of an element to YIQ 199.8810, -0.1420, 24.6100 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(215, 184, 242) }
```


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

```
.border{ border-color:rgb(215, 184, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 184, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 184, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 184, 242);  
box-shadow:4px 4px 4px 4px rgb(215, 184,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8810, -0.1420, 24.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 184, 242) }
```

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

```
.background{ background-color: rgb(215,  
184, 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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