

Converting Colors

YIQ(198.6410, 0.7740, 30.0380)

Have a look what the booklet for
YIQ(198.6410, 0.7740, 30.0380)
contains.

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Color

**YIQ(198.6410, 0.7740,
30.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB3F9
RGB	218, 179, 249
RGB Percent	85%, 70%, 98%
CMY	0.1450, 0.2981, 0.0236
CMYK	0.12, 0.28, 0.00, 0.02
HSL	273°, 85%, 84%
HSV	273°, 28%, 98%
XYZ	62.1375, 53.9832, 96.7567
YIQ	198.6410, 0.7740, 30.0380

Conversions

Conversions Part 2

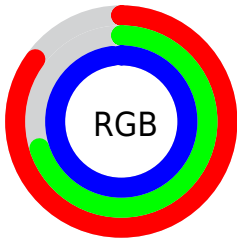
Format	Color
R _Y B	218, 179, 249
Decimal	14332921
CIE Lab	78.45, 26.83, -29.43
CIE LCh	78, 39.828, 312.353
Yxy	53.9832, 0.2919, 0.2536
Android (android.graphics.Color)	4292523001 (0xFFDAB3F9)
YUV	198.6410, 24.8270, 16.9778
Hunter-Lab	73.4733, 22.3821, -26.6475

Details

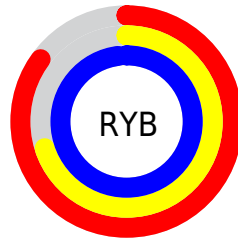
The YIQ color $198.6410, 0.7740, 30.0380$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $229.3590, -0.7740, -30.0380$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2600, 5.5000, 10.4600$, and $144.2880, 0.2700, 28.1580$ is the 20% darker color. If you saturate the color by 10%, you get $180.6770, 1.0930, 40.7810$, and if you desaturate by 10%, it is $216.6050, 0.4550, 19.2950$.

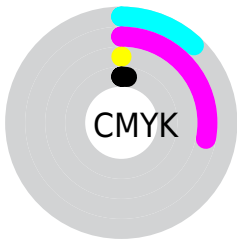
Distribution



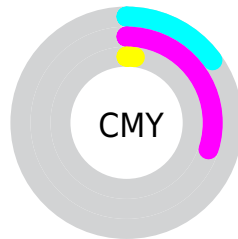
- Red (85%)
- Green (70%)
- Blue (98%)



- Red (85%)
- Yellow (70%)
- Blue (98%)



- Cyan (12%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)




- Cyan (15%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.6410, 0.7740, 30.0380 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 198.6410, 0.7740, 30.0380 by changing the saturation by 10% instead.


 198.6410, 0.7740,
30.0380


 198.6410, 0.7740,
30.0380

255.0000, -0.0000,
-0.0000


 171.1140, 0.8200,
29.2040


 243.2600, 5.5000,
10.4600

 144.2880, 0.2700,
28.1580

 118.7610, 0.3160,
27.3240

 93.3480, 0.0410,
26.8010

 69.1090, -0.7840,
25.2320

 46.1690, -1.0130,
23.8750

 23.3430, -1.5630,

22.8290

■ 9.5720, -3.9460,
16.4540

■ 2.8670, -6.6950,
5.6970

■ 198.6410, 0.7740,
30.0380

■ 198.6410, 0.7740,
30.0380

■ 180.6770, 1.0930,
40.7810

■ 216.6050, 0.4550,
19.2950

■ 162.7130, 1.4120,
51.5240

■ 234.5690, 0.1360,
8.5520

■ 144.7490, 1.7310,
62.2670

■ 252.5330, -0.1830,
-2.1910

■ 126.7850, 2.0500,
73.0100

■ 254.3160, 1.9260,
-1.8660

■ 108.8210, 2.3690,
83.7530

■ 91.4440, 2.4130,
93.9730

■ 73.4800, 2.7320,
104.7160

■ 69.9470, 2.9150,
106.9070

Harmonies

Analogous

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



191.4080, -35.7190, 14.0810



198.6410, 0.7740, 30.0380



199.0010, 34.9310, 33.2590

Triad

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



198.6410, 0.7740, 30.0380



193.3060, 51.4440, -7.2120



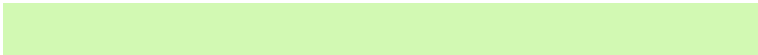
170.0750, -84.8150, -32.2950

Complementary

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



198.6410, 0.7740, 30.0380



229.3590, -0.7740, -30.0380

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.



178.8070, -43.1380, -33.2020



198.6410, 0.7740, 30.0380



190.4290, 28.5680, -22.1520

Square

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



198.6410, 0.7740, 30.0380



193.8530, 57.8140, 9.5100



185.9780, -4.0750, -30.7870



167.1070, -105.0360, -23.7560

Rectangle

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



198.6410, 0.7740, 30.0380



195.1020, 44.6520, 27.7880



185.9780, -4.0750, -30.7870



173.0780, -71.7020, -33.1580

Sweetspot

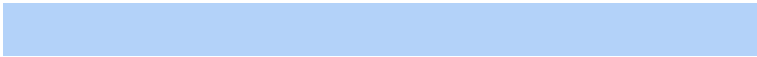
The Sweet Spot groups the original color and five complimentary colors.



198.6410, 0.7740, 30.0380



240.5690, 0.1360, 8.5520



205.1770, -30.9950, 5.5570



118.5750, -0.0010, 5.5270



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.



198.6410, 0.7740, 30.0380



192.5690, 1.2770, 37.4450



207.4540, 20.5340, 35.3660



115.5750, -0.0010, 5.5270



52.9410, 1.9110, 81.0390



17.1200, 0.6830, 26.1790

Inverse Universe

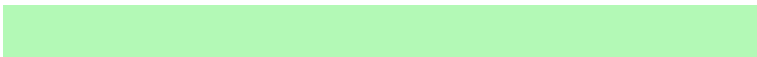
The Inverse Universe completely reimagines the original color for something new.



203.4640, 31.7690, 24.4810



198.4590, 39.3330, 30.5730



220.4320, -20.2130, -35.6770



116.5710, 5.8220, 4.6220



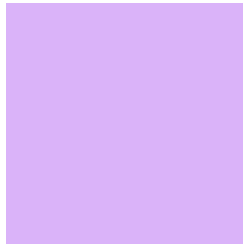
65.9730, 86.0010, 65.8810



21.3170, 27.6890, 21.3290

Previews

White Background



This preview shows how the YIQ color 198.6410, 0.7740, 30.0380 looks on a white background.

Color Contrast Check

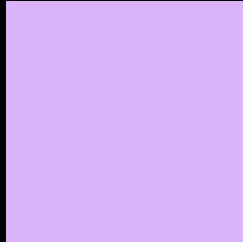
Large Text (above 18pt) WCAG AA × Fail

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 198.6410, 0.7740, 30.0380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

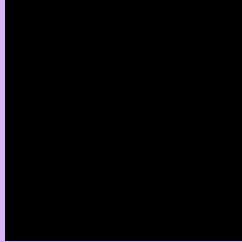
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.6410, 0.7740, 30.0380

Background



This preview shows how black text looks on a background with the YIQ color 198.6410, 0.7740, 30.0380.



This preview shows how white text looks on a background with the YIQ color 198.6410, 0.7740,

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

198.6410, 0.7740, 30.0380

Protanopia

194.6970, -29.1630, 16.4130

Deuteranopia

195.8890, -20.9560, 16.3560



Tritanopia

196.5870, 8.8930, 9.5410

Trichromacy



Original Color

198.6410, 0.7740, 30.0380

Protanomaly

196.0190, -18.2060, 21.5860

Deuteranomaly

197.2430, -13.0250, 21.3030

Tritanomaly

197.6610, 6.0490, 17.0330

Monochromacy



Original Color

198.6410, 0.7740, 30.0380

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.0360, 0.3190, 10.7430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6410, 0.7740, 30.0380 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(218, 179, 249)` looks like.

```
.text, #text, p{  
    color:rgb(218, 179, 249)  
}
```

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(218, 179, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 179, 249) }
```

Border

The CSS property to change the border of an element to YIQ 198.6410, 0.7740, 30.0380 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(218, 179, 249) }
```


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

```
.border{ border-color:rgb(218, 179, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 179, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 179, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 179, 249);  
box-shadow:4px 4px 4px 4px rgb(218, 179,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6410, 0.7740, 30.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 179, 249) }
```

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

```
.background{ background-color: rgb(218,  
179, 249) }
```

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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