

Converting Colors

YIQ(199.0040, -4.6820, 29.7980)

Have a look what the booklet for
YIQ(199.0040, -4.6820, 29.7980)
contains.

YIQ(199.0040, -4.6820, 29.7980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(199.0040, -4.6820,
29.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B5FF
RGB	213, 181, 255
RGB Percent	84%, 71%, 100%
CMY	0.1646, 0.2902, 0.0001
CMYK	0.16, 0.29, 0.00, 0.00
HSL	266°, 100%, 85%
HSV	266°, 29%, 100%
XYZ	62.0177, 54.4119, 101.8253
YIQ	199.0040, -4.6820, 29.7980

Conversions

Conversions Part 2

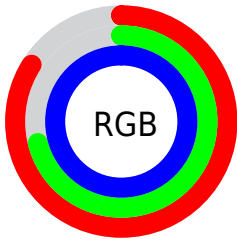
Format	Color
R _Y B	213, 181, 255
Decimal	14005759
CIE _{Lab}	78.70, 25.48, -32.30
CIE _{LCh}	79, 41.142, 308.263
Y _{xy}	54.4119, 0.2842, 0.2493
Android (android.graphics.Color)	4292195839 (0xFFD5B5FF)
Y _{UV}	199.0040, 27.6060, 12.2745
Hunter-Lab	73.7644, 20.9867, -30.2095

Details

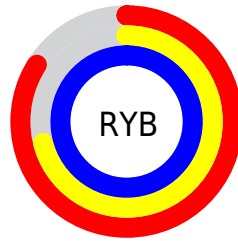
The YIQ color $199.0040, -4.6820, 29.7980$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $236.9960, 4.6820, -29.7980$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.4340, 4.9500, 9.4140$, and $144.6510, -5.1860, 27.9180$ is the 20% darker color. If you saturate the color by 10%, you get $179.5560, -5.8760, 40.4280$, and if you desaturate by 10%, it is $217.8650, -3.2130, 19.6910$.

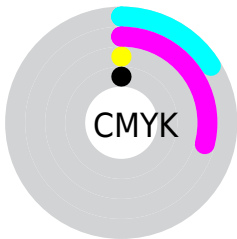
Distribution



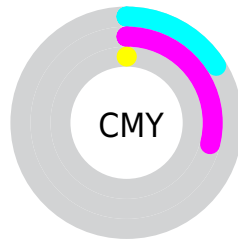
- Red (84%)
- Green (71%)
- Blue (100%)



- Red (84%)
- Yellow (71%)
- Blue (100%)



- Cyan (16%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.0040, -4.6820, 29.7980 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 199.0040, -4.6820, 29.7980 by changing the saturation by 10% instead.


 199.0040, -4.6820,
29.7980


 199.0040, -4.6820,
29.7980


255.0000, -0.0000,
-0.0000


 171.4770, -4.6360,
28.9640


 244.4340, 4.9500,
9.4140

 144.6510, -5.1860,
27.9180

 119.1240, -5.1400,
27.0840

 93.5970, -5.0940,
26.2500

 69.3580, -5.9190,
24.6810

 46.4180, -6.1480,
23.3240

 23.8800, -7.5690,

21.5430

■ 7.9350, -9.4020,
16.2140

■ 3.4370, -8.3000,
7.2520

■ 199.0040, -4.6820,
29.7980

■ 199.0040, -4.6820,
29.7980

■ 179.5560, -5.8760,
40.4280

■ 217.8650, -3.2130,
19.6910

■ 160.3960, -7.9410,
50.3230

■ 237.6120, -1.4230,
9.2730

■ 140.9480, -9.1350,
60.9530

■ 255.0000, -0.0000,
-0.0000

■ 121.7880,
-11.2000, 70.8480

■ 102.9270,
-12.6690, 80.9550

■ 83.1800, -14.4590,
91.3730

■ 64.3190, -15.9280,
101.4800

■ 61.9600, -16.2950,
102.6250

Harmonies

Analogous

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



190.4780, -41.9080, 10.6040



199.0040, -4.6820, 29.7980



200.0870, 31.8130, 34.7010

Triad

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



199.0040, -4.6820, 29.7980



194.5130, 55.2950, -5.4170



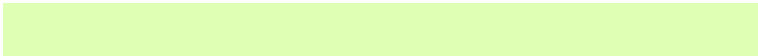
169.7930, -84.0810, -34.5850

Complementary

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



199.0040, -4.6820, 29.7980



236.9960, 4.6820, -29.7980

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.



180.0200, -39.4240, -34.4320



199.0040, -4.6820, 29.7980



191.2940, 33.3820, -21.2900

Square

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



199.0040, -4.6820, 29.7980



193.6080, 57.1260, 10.9660



186.3160, 0.7850, -30.7590



162.6710, -115.6720, -29.2400

Rectangle

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



199.0040, -4.6820, 29.7980



195.7860, 42.7260, 29.6540



186.3160, 0.7850, -30.7590



173.6930, -69.1800, -34.8120

Sweetspot

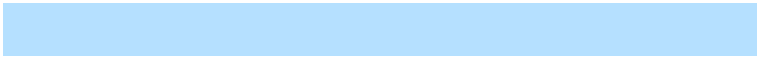
The Sweet Spot groups the original color and five complimentary colors.



199.0040, -4.6820, 29.7980



237.6120, -1.4230, 9.2730



214.6770, -35.5790, 0.5250



116.8030, -0.6430, 6.1490



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.



199.0040, -4.6820, 29.7980



187.5080, -5.9210, 35.7350



209.7680, 16.7740, 37.4300



117.9770, -1.1930, 5.1030



46.5910, -11.8430, 76.9970



15.6680, -3.8560, 25.8400

Inverse Universe

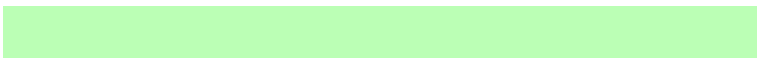
The Inverse Universe completely reimagines the original color for something new.



207.9140, 30.6220, 28.7500



198.3110, 36.9940, 34.4180



226.2320, -16.7740, -37.4300



119.6850, 5.5010, 4.9330



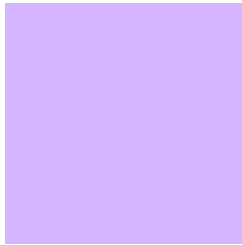
69.4210, 79.1680, 74.0800



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 199.0040, -4.6820, 29.7980 looks on a white background.

Color Contrast Check

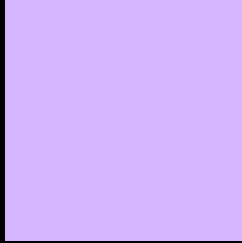
Large Text (above 18pt) WCAG AA × Fail

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 199.0040, -4.6820, 29.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

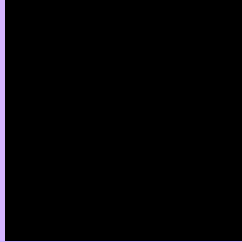
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.0040, -4.6820, 29.7980

Background



This preview shows how black text looks on a background with the YIQ color 199.0040, -4.6820, 29.7980.



This preview shows how white text looks on a background with the YIQ color 199.0040, -4.6820,

29.7980.

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

199.0040, -4.6820, 29.7980

Protanopia

195.5830, -28.8420, 16.1020

Deuteranopia

196.2630, -24.9450, 17.0630



Tritanopia

196.1950, 4.1250, 7.8450

Trichromacy



Original Color

199.0040, -4.6820, 29.7980

Protanomaly

197.1220, -19.9940, 20.9500

Deuteranomaly

197.3180, -17.6100, 21.7980

Tritanomaly

197.3830, 0.9600, 15.6480

Monochromacy



Original Color

199.0040, -4.6820, 29.7980

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.6660, -1.5150, 10.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.0040, -4.6820, 29.7980 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(213, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 181, 255)  
}
```

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(213, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 181, 255) }
```

Border

The CSS property to change the border of an element to YIQ 199.0040, -4.6820, 29.7980 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(213, 181, 255) }
```


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

```
.border{ border-color:rgb(213, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 181,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 199.0040, -4.6820, 29.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 181, 255) }
```

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

```
.background{ background-color: rgb(213,  
181, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor