

Converting Colors

YIQ(194.8390, 8.8440, 26.9560)

Have a look what the booklet for
YIQ(194.8390, 8.8440, 26.9560)
contains.

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Color

**YIQ(194.8390, 8.8440,
26.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	DCAFE7
RGB	220, 175, 231
RGB Percent	86%, 69%, 91%
CMY	0.1371, 0.3138, 0.0941
CMYK	0.05, 0.24, 0.00, 0.09
HSL	288°, 54%, 80%
HSV	288°, 24%, 91%
XYZ	59.2760, 51.6433, 82.4437
YIQ	194.8390, 8.8440, 26.9560

Conversions

Conversions Part 2

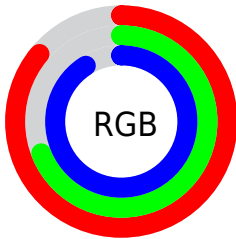
Format	Color
R _Y B	220, 175, 231
Decimal	14462951
CIE Lab	77.07, 26.03, -21.83
CIE LCh	77, 33.975, 320.021
Yxy	51.6433, 0.3066, 0.2671
Android (android.graphics.Color)	4292653031 (0xFFDCAFE7)
YUV	194.8390, 17.8274, 22.0662
Hunter-Lab	71.8633, 21.4738, -17.7150

Details

The YIQ color $194.8390, 8.8440, 26.9560$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $211.1610, -8.8440, -26.9560$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9120, 6.6000, 12.5520$, and $140.6000, 8.0190, 25.3870$ is the 20% darker color. If you saturate the color by 10%, you get $180.1420, 12.7850, 38.1370$, and if you desaturate by 10%, it is $209.8350, 5.4990, 15.9870$.

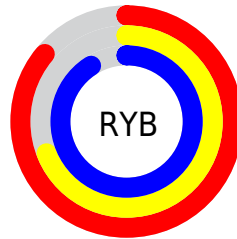
Distribution



Red (86%)

Green (69%)

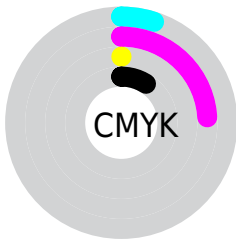
Blue (91%)



Red (86%)

Yellow (69%)

Blue (91%)

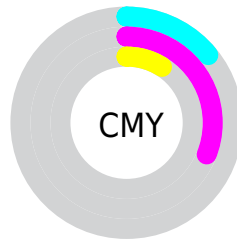


Cyan (5%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.8390, 8.8440, 26.9560 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 194.8390, 8.8440, 26.9560 by changing the saturation by 10% instead.

■ 194.8390, 8.8440,
26.9560

■ 194.8390, 8.8440,
26.9560

255.0000, -0.0000,
-0.0000

■ 167.4260, 8.5690,
26.4330

■ 240.9120, 6.6000,
12.5520

■ 140.6000, 8.0190,
25.3870

■ 115.1870, 7.7440,
24.8640

■ 90.3610, 7.1940,
23.8180

■ 65.9480, 6.9190,
23.2950

■ 43.1220, 6.3690,
22.2490

■ 20.7090, 6.0940,

21.7260

■ 7.9050, -0.6900,
12.5100

■ 0.0000, 0.0000,
0.0000

■ 194.8390, 8.8440,
26.9560

■ 194.8390, 8.8440,
26.9560

■ 180.1420, 12.7850,
38.1370

■ 209.8350, 5.4990,
15.9870

■ 165.1460, 16.1300,
49.1060

■ 224.5320, 1.5580,
4.8060

■ 150.1500, 19.4750,
60.0750

■ 239.5280, -1.7870,
-6.1630

■ 135.4530, 23.4160,
71.2560

■ 247.1810, -2.4280,
-11.0680

■ 119.8700, 27.0360,
82.7480

■ 248.6760, 0.5520,
-10.0080

■ 105.1730, 30.9770,
93.9290

■ 249.8720, 2.9360,
-9.1600

■ 90.1770, 34.3220,
104.8980

■ 251.3670, 5.9160,
-8.1000

■ 81.9480, 36.7050,
111.2730

■ 252.2640, 7.7040,
-7.4640

Harmonies

Analogous

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



191.3880, -23.7990, 18.3210



194.8390, 8.8440, 26.9560



194.8990, 34.9780, 26.8980

Triad

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



194.8390, 8.8440, 26.9560



189.6790, 40.0280, -9.5720



172.1740, -71.6120, -23.7720

Complementary

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



194.8390, 8.8440, 26.9560



211.1610, -8.8440, -26.9560

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.



177.0830, -43.7350, -27.8870



194.8390, 8.8440, 26.9560



186.5080, 18.1600, -20.7520

Square

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



194.8390, 8.8440, 26.9560



191.3960, 51.6710, 5.1990



182.4920, -11.2740, -26.9700



174.8720, -76.1530, -13.0570

Rectangle

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



194.8390, 8.8440, 26.9560



194.3100, 46.7620, 22.5860



182.4920, -11.2740, -26.9700



173.8990, -63.5880, -26.0200

Sweetspot

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



194.8390, 8.8440, 26.9560



243.5370, 3.1620, 8.7780



187.8410, -21.0010, 11.6630



120.9450, 1.8330, 5.3290



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.



194.8390, 8.8440, 26.9560



207.3760, 12.0060, 35.7340



196.1900, 20.8570, 24.0010



107.3580, 2.1080, 5.8520



63.4620, 28.3650, 86.1970



18.0730, 8.0650, 24.5530

Inverse Universe

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



192.9980, 29.8450, 15.2930



204.8360, 39.2890, 20.3530



209.8100, -20.8570, -24.0010



106.9300, 6.1890, 3.4770



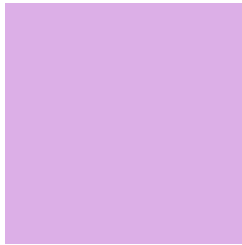
57.5110, 95.4490, 48.8330



16.3890, 27.1860, 13.9220

Previews

White Background



This preview shows how the YIQ color 194.8390, 8.8440, 26.9560 looks on a white background.

Color Contrast Check

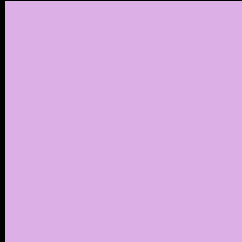
Large Text (above 18pt) WCAG AA × Fail

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 194.8390, 8.8440, 26.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

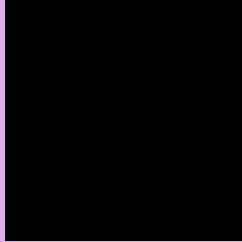
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.8390, 8.8440, 26.9560

Background



This preview shows how black text looks on a background with the YIQ color 194.8390, 8.8440, 26.9560.



This preview shows how white text looks on a background with the YIQ color 194.8390, 8.8440,

26.9560.

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

194.8390, 8.8440, 26.9560

Protanopia

191.5250, -22.9270, 13.5290

Deuteranopia

192.0980, -11.4190, 14.2210



Tritanopia

192.8760, 15.4490, 11.8730

Trichromacy



Original Color

194.8390, 8.8440, 26.9560

Protanomaly

192.7330, -11.6490, 18.3910

Deuteranomaly

193.1530, -4.0840, 18.9560

Tritanomaly

193.7820, 13.0180, 17.3860

Monochromacy



Original Color

194.8390, 8.8440, 26.9560

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.0640, 3.1160, 9.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.8390, 8.8440, 26.9560 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(220, 175, 231)` looks like.

```
.text, #text, p{  
    color:rgb(220, 175, 231)  
}
```

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(220, 175, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 175, 231) }
```

Border

The CSS property to change the border of an element to YIQ 194.8390, 8.8440, 26.9560 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(220, 175, 231) }
```


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

```
.border{ border-color:rgb(220, 175, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 175, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 175, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 175, 231);  
box-shadow:4px 4px 4px 4px rgb(220, 175,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 194.8390, 8.8440, 26.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 175, 231) }
```

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

```
.background{ background-color: rgb(220,  
175, 231) }
```

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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