

Converting Colors

YIQ(191.9850, 5.4970, 27.0410)

Have a look what the booklet for
YIQ(191.9850, 5.4970, 27.0410)
contains.

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Color

**YIQ(191.9850, 5.4970,
27.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ADE8
RGB	214, 173, 232
RGB Percent	84%, 68%, 91%
CMY	0.1606, 0.3216, 0.0902
CMYK	0.08, 0.25, 0.00, 0.09
HSL	282°, 56%, 79%
HSV	282°, 25%, 91%
XYZ	57.2465, 50.0077, 82.9746
YIQ	191.9850, 5.4970, 27.0410

Conversions

Conversions Part 2

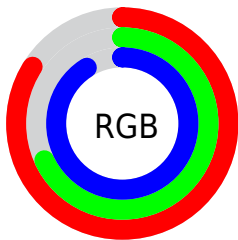
Format	Color
RYB	214, 173, 232
Decimal	14069224
CIELab	76.07, 25.38, -23.93
CIELCh	76, 34.886, 316.685
Yxy	50.0077, 0.3009, 0.2629
Android (android.graphics.Color)	4292259304 (0xFFD6ADE8)
YUV	191.9850, 19.7274, 19.3072
Hunter-Lab	70.7161, 20.7469, -20.0665

Details

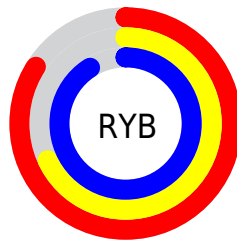
The YIQ color **191.9850, 5.4970, 27.0410** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **213.0150, -5.4970, -27.0410**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7380, 7.1500, 13.5980**, and **138.0450, 5.2680, 25.6840** is the 20% darker color. If you saturate the color by 10%, you get **176.3910, 7.6500, 37.5860**, and if you desaturate by 10%, it is **207.5790, 3.3440, 16.4960**.

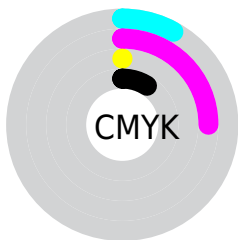
Distribution



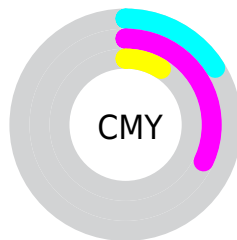
- Red (84%)
- Green (68%)
- Blue (91%)



- Red (84%)
- Yellow (68%)
- Blue (91%)



- Cyan (8%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (32%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.9850, 5.4970, 27.0410 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 191.9850, 5.4970, 27.0410 by changing the saturation by 10% instead.

■ 191.9850, 5.4970,
27.0410

■ 191.9850, 5.4970,
27.0410

255.0000, -0.0000,
-0.0000

■ 164.5720, 5.2220,
26.5180

■ 239.7380, 7.1500,
13.5980

■ 138.0450, 5.2680,
25.6840

■ 112.2190, 4.7180,
24.6380

■ 87.3930, 4.1680,
23.5920

■ 63.8660, 4.2140,
22.7580

■ 41.0400, 3.6640,
21.7120

■ 18.0400, 3.6640,

21.7120

■ 4.0180, -8.4380,
9.7540

■ 0.0000, 0.0000,
0.0000

■ 191.9850, 5.4970,
27.0410

■ 191.9850, 5.4970,
27.0410

■ 176.3910, 7.6500,
37.5860

■ 207.5790, 3.3440,
16.4960

■ 160.7970, 9.8030,
48.1310

■ 223.1730, 1.1910,
5.9510

■ 144.6160, 12.2310,
59.1990

■ 239.3540, -1.2370,
-5.1170

■ 129.0220, 14.3840,
69.7440

■ 248.4910, -0.3650,
-9.9090

■ 113.4280, 16.5370,
80.2890

■ 250.5840, 3.8070,
-8.4250

■ 97.8340, 18.6900,
90.8340

■ 252.3780, 7.3830,
-7.1530

■ 82.2400, 20.8430,
101.3790

■ 74.5870, 21.4840,
106.2840

Harmonies

Analogous

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



187.5230, -28.6130, 17.4590



191.9850, 5.4970, 27.0410



192.3550, 33.6940, 28.1420

Triad

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



191.9850, 5.4970, 27.0410



187.1740, 43.0080, -8.5120



168.8210, -72.1160, -25.6520

Complementary

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



191.9850, 5.4970, 27.0410



213.0150, -5.4970, -27.0410

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.



174.3390, -41.5800, -28.3960



191.9850, 5.4970, 27.0410



183.7750, 21.7820, -20.3140

Square

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



191.9850, 5.4970, 27.0410



188.9340, 53.0920, 6.9800



179.3460, -7.9270, -27.0550



169.9530, -80.8750, -15.5870

Rectangle

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



191.9850, 5.4970, 27.0410



191.0650, 46.0740, 24.0420



179.3460, -7.9270, -27.0550



170.2580, -63.2210, -27.1650

Sweetspot

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



191.9850, 5.4970, 27.0410



241.4660, 1.9240, 9.1880



190.8790, -24.1640, 8.4120



119.1730, 1.1910, 5.9510



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.



191.9850, 5.4970, 27.0410



201.4510, 7.4210, 36.2290



196.1130, 19.7560, 27.4360



106.7600, 0.9160, 5.4280



57.4820, 16.4450, 81.9570



16.2790, 4.4890, 23.2810

Inverse Universe

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



192.6930, 29.3860, 18.1060



202.3570, 39.3800, 24.2120



208.8870, -19.7560, -27.4360



107.0440, 5.8680, 3.7880



59.6770, 89.3500, 54.7420



17.0730, 25.2600, 15.7880

Previews

White Background



This preview shows how the YIQ color 191.9850, 5.4970, 27.0410 looks on a white background.

Color Contrast Check

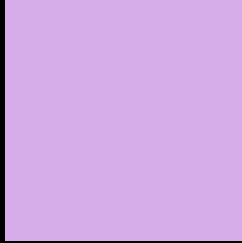
Large Text (above 18pt) WCAG AA × Fail

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 191.9850, 5.4970, 27.0410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

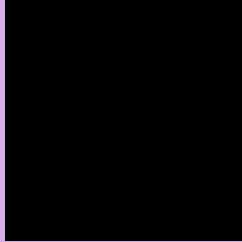
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.9850, 5.4970, 27.0410

Background



This preview shows how black text looks on a background with the YIQ color 191.9850, 5.4970, 27.0410.



This preview shows how white text looks on a background with the YIQ color 191.9850, 5.4970,

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

191.9850, 5.4970, 27.0410

Protanopia

188.3830, -25.4030, 14.3490

Deuteranopia

189.5430, -14.1700, 14.5180



Tritanopia

189.9680, 12.1940, 10.2900

Trichromacy



Original Color

191.9850, 5.4970, 27.0410

Protanomaly

189.5910, -14.1250, 19.2110

Deuteranomaly

190.5980, -6.8350, 19.2530

Tritanomaly

190.4010, 9.7170, 16.6370

Monochromacy



Original Color

191.9850, 5.4970, 27.0410

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

191.9930, 1.8780, 10.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.9850, 5.4970, 27.0410 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, 173, 232)` looks like.

```
.text, #text, p{  
    color:rgb(214, 173, 232)  
}
```

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, 173, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 173, 232) }
```

Border

The CSS property to change the border of an element to YIQ 191.9850, 5.4970, 27.0410 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, 173, 232) }
```


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

```
.border{ border-color:rgb(214, 173, 232) }
```

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

Here you see how a box with a 4 pixel rgb(214, 173, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 173, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 173, 232);  
box-shadow:4px 4px 4px 4px rgb(214, 173,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 191.9850, 5.4970, 27.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 173, 232) }
```

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

```
.background{ background-color: rgb(214,  
173, 232) }
```

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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