

Converting Colors

YIQ(180.6970, 6.3680, 27.7760)

Have a look what the booklet for
YIQ(180.6970, 6.3680, 27.7760)
contains.

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Color

**YIQ(180.6970, 6.3680,
27.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA1DD
RGB	204, 161, 221
RGB Percent	80%, 63%, 87%
CMY	0.1999, 0.3687, 0.1334
CMYK	0.08, 0.27, 0.00, 0.13
HSL	283°, 47%, 75%
HSV	283°, 27%, 87%
XYZ	50.7038, 43.5460, 74.1357
YIQ	180.6970, 6.3680, 27.7760

Conversions

Conversions Part 2

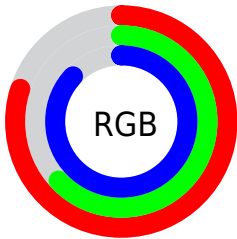
Format	Color
R_{YB}	204, 161, 221
Decimal	13410781
CIE _{Lab}	71.92, 26.53, -24.36
CIE _{LCh}	72, 36.014, 317.446
Yxy	43.5460, 0.3011, 0.2586
Android (android.graphics.Color)	4291600861 (0xFFCCA1DD)
YUV	180.6970, 19.8694, 20.4367
Hunter-Lab	65.9894, 21.6711, -20.4166

Details

The YIQ color $180.6970, 6.3680, 27.7760$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $201.3030, -6.3680, -27.7760$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $232.1070, 10.7250, 20.3970$, and $127.4580, 5.5430, 26.2070$ is the 20% darker color. If you saturate the color by 10%, you get $165.9890, 8.8420, 38.0100$, and if you desaturate by 10%, it is $195.4050, 3.8940, 17.5420$.

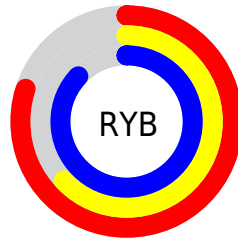
Distribution



Red (80%)

Green (63%)

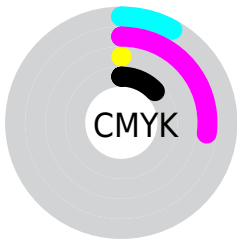
Blue (87%)



Red (80%)

Yellow (63%)

Blue (87%)

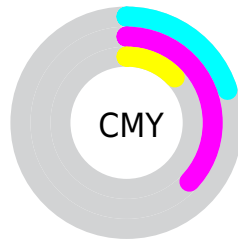


Cyan (8%)

Magenta (27%)

Yellow (0%)

Black (13%)



Cyan (20%)

Magenta (37%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.6970, 6.3680, 27.7760 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 180.6970, 6.3680, 27.7760 by changing the saturation by 10% instead.


 180.6970, 6.3680,
27.7760


 180.6970, 6.3680,
27.7760


255.0000, -0.0000,
-0.0000


 153.8710, 5.8180,
26.7300


 232.1070, 10.7250,
20.3970


 127.4580, 5.5430,
26.2070

 249.1300, 2.7500,
5.2300

 101.9310, 5.5890,
25.3730

 77.2190, 4.7180,
24.6380

 54.2790, 4.4890,
23.2810

 30.8660, 4.2140,
22.7580

 13.8720, 4.0770,

19.7330

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 180.6970, 6.3680,
27.7760

■ 180.6970, 6.3680,
27.7760

■ 165.9890, 8.8420,
38.0100

■ 195.4050, 3.8940,
17.5420

■ 151.2810, 11.3160,
48.2440

■ 210.4120, 2.0160,
7.5200

■ 136.2740, 13.1940,
58.2660

■ 225.1200, -0.4580,
-2.7140

■ 121.5660, 15.6680,
68.5000

■ 239.8280, -2.9320,
-12.9480

106.2710, 18.4170,
79.2570

245.1440, -1.0060,
-14.8140

91.5630, 20.8910,
89.4910

247.2370, 3.1660,
-13.3300

76.5560, 22.7690,
99.5130

249.0310, 6.7420,
-12.0580

72.7350, 23.8230,
102.4390

250.8250, 10.3180,
-10.7860

251.1240, 10.9140,
-10.5740

Harmonies

Analogous

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



176.6370, -28.9340, 17.7700



180.6970, 6.3680, 27.7760



181.0670, 34.5650, 28.8770

Triad

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



180.6970, 6.3680, 27.7760



175.6470, 43.0540, -9.3460



154.6460, -78.9930, -27.6730

Complementary

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



180.6970, 6.3680, 27.7760



201.3030, -6.3680, -27.7760

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.



161.8440, -44.5600, -29.4560



180.6970, 6.3680, 27.7760



172.0630, 20.9110, -21.0490

Square

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



180.6970, 6.3680, 27.7760



177.7060, 53.7340, 6.3580



168.3350, -9.3940, -28.0020



155.8920, -88.0730, -17.2970

Rectangle

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



180.6970, 6.3680, 27.7760



179.6630, 47.2660, 24.4660



168.3350, -9.3940, -28.0020



156.9800, -68.3100, -28.5500

Sweetspot

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



180.6970, 6.3680, 27.7760



241.4660, 1.9240, 9.1880



177.8190, -23.9350, 9.7690



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.



180.6970, 6.3680, 27.7760



198.5160, 8.7960, 38.8440



184.2980, 20.6730, 27.3370



102.6460, 1.2370, 5.1170



56.7980, 18.3710, 80.0910



15.1110, 4.9020, 21.3020

Inverse Universe

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



180.8780, 30.3030, 18.0070



198.8520, 42.3600, 25.2720



197.7020, -20.6730, -27.3370



102.6310, 5.5930, 3.2650



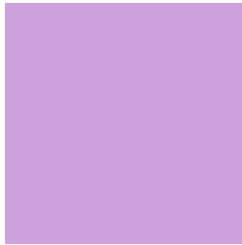
57.3130, 87.3790, 51.9150



15.2360, 23.2430, 13.7950

Previews

White Background



This preview shows how the YIQ color 180.6970, 6.3680, 27.7760 looks on a white background.

Color Contrast Check

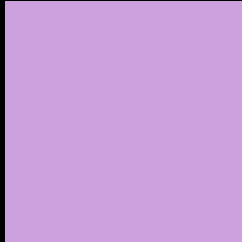
Large Text (above 18pt) WCAG AA × Fail

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 180.6970, 6.3680, 27.7760 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 180.6970, 6.3680, 27.7760

Background



This preview shows how black text looks on a background with the YIQ color 180.6970, 6.3680, 27.7760.



This preview shows how white text looks on a background with the YIQ color 180.6970, 6.3680,

27.7760.

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

180.6970, 6.3680, 27.7760

Protanopia

176.6110, -26.0450, 14.9710

Deuteranopia

177.9450, -15.3620, 14.0940



Tritanopia

178.5660, 13.3860, 10.7140

Trichromacy



Original Color

180.6970, 6.3680, 27.7760

Protanomaly

178.0040, -13.8500, 19.7340

Deuteranomaly

179.2990, -7.4310, 19.0410

Tritanomaly

178.9990, 10.9090, 17.0610

Monochromacy



Original Color

180.6970, 6.3680, 27.7760

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.9930, 1.8780, 10.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.6970, 6.3680, 27.7760 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(204, 161, 221)` looks like.

```
.text, #text, p{  
    color:rgb(204, 161, 221)  
}
```

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(204, 161, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 161, 221) }
```

Border

The CSS property to change the border of an element to YIQ 180.6970, 6.3680, 27.7760 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(204, 161, 221) }
```


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

```
.border{ border-color:rgb(204, 161, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 161, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 161, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 161, 221);  
box-shadow:4px 4px 4px 4px rgb(204, 161,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 180.6970, 6.3680, 27.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 161, 221) }
```

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

```
.background{ background-color: rgb(204,  
161, 221) }
```

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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