

Converting Colors

YIQ(196.8070, 2.7020, 17.1180)

Have a look what the booklet for
YIQ(196.8070, 2.7020, 17.1180)
contains.

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Color

**YIQ(196.8070, 2.7020,
17.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B9DF
RGB	210, 185, 223
RGB Percent	82%, 73%, 87%
CMY	0.1764, 0.2745, 0.1255
CMYK	0.06, 0.17, 0.00, 0.13
HSL	280°, 37%, 80%
HSV	280°, 17%, 87%
XYZ	57.2498, 53.7258, 77.1614
YIQ	196.8070, 2.7020, 17.1180

Conversions

Conversions Part 2

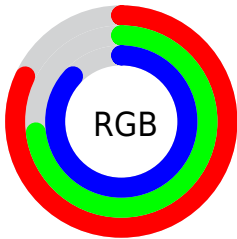
Format	Color
RYB	210, 185, 223
Decimal	13810143
CIELab	78.30, 15.79, -15.72
CIELCh	78, 22.282, 315.124
Yxy	53.7258, 0.3043, 0.2856
Android (android.graphics.Color)	4292000223 (0xFFD2B9DF)
YUV	196.8070, 12.9131, 11.5703
Hunter-Lab	73.2979, 11.1474, -11.1067

Details

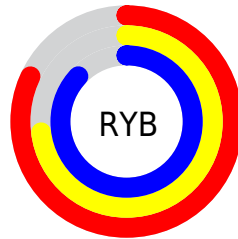
The YIQ color $196.8070, 2.7020, 17.1180$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $211.1930, -2.7020, -17.1180$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.7820, 3.8500, 7.3220$, and $142.9810, 2.1520, 16.0720$ is the 20% darker color. If you saturate the color by 10%, you get $181.5010, 3.9840, 26.9280$, and if you desaturate by 10%, it is $212.1130, 1.4200, 7.3080$.

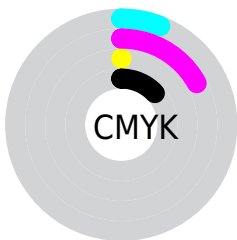
Distribution



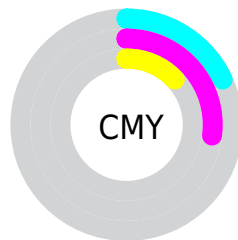
- Red (82%)
- Green (73%)
- Blue (87%)



- Red (82%)
- Yellow (73%)
- Blue (87%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.8070, 2.7020, 17.1180 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 196.8070, 2.7020, 17.1180 by changing the saturation by 10% instead.

■ 196.8070, 2.7020,
17.1180

■ 196.8070, 2.7020,
17.1180

■ 255.0000, -0.0000,
-0.0000

■ 169.3940, 2.4270,
16.5950

■ 246.7820, 3.8500,
7.3220

■ 142.9810, 2.1520,
16.0720

■ 117.4540, 2.1980,
15.2380

■ 92.4540, 2.1980,
15.2380

■ 68.6280, 1.6480,
14.1920

■ 46.1010, 1.6940,
13.3580

■ 25.2750, 1.1440,

12.3120

■ 4.9430, -3.8530,
9.2590

■ 0.0000, 0.0000,
0.0000

■ 196.8070, 2.7020,
17.1180

■ 196.8070, 2.7020,
17.1180

■ 181.5010, 3.9840,
26.9280

■ 212.1130, 1.4200,
7.3080

■ 165.9070, 6.1370,
37.4730

■ 227.7070, -0.7330,
-3.2370

■ 150.6010, 7.4190,
47.2830

■ 243.0130, -2.0150,
-13.0470

■ 135.5940, 9.2970,
57.3050

■ 246.8670, 1.3320,
-13.1320

■ 119.7010, 10.8540,
67.6380

■ 249.2590, 6.1000,
-11.4360

■ 104.3950, 12.1360,
77.4480

■ 251.3520, 10.2720,
-9.9520

■ 89.3880, 14.0140,
87.4700

■ 74.0820, 15.2960,
97.2800

■ 69.3750, 16.0290,
100.5170

Harmonies

Analogous

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



194.2820, -17.9290, 11.0550



196.8070, 2.7020, 17.1180



197.5010, 21.1790, 18.1630

Triad

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



196.8070, 2.7020, 17.1180



193.9800, 29.1150, -4.5250



185.4400, -39.8860, -15.0380

Complementary

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



196.8070, 2.7020, 17.1180



211.1930, -2.7020, -17.1180

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.



186.8300, -23.6090, -18.1770



196.8070, 2.7020, 17.1180



192.1090, 15.2700, -12.4260

Square

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



196.8070, 2.7020, 17.1180



195.8980, 35.5780, 5.0020



189.0080, -3.6190, -17.0190



186.0300, -44.2430, -7.6590

Rectangle

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



196.8070, 2.7020, 17.1180



197.1120, 29.5240, 15.6040



189.0080, -3.6190, -17.0190



185.8380, -35.2550, -16.3670

Sweetspot

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



196.8070, 2.7020, 17.1180



246.1730, 1.1910, 5.9510



196.9630, -15.7730, 5.0190



122.4070, 0.4120, 3.5480



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.



196.8070, 2.7020, 17.1180



219.9800, 3.8930, 23.0690



200.0100, 12.3760, 18.0080



104.3470, 0.6410, 4.9050



54.7480, 12.6400, 79.3280



15.0400, 3.6640, 21.7120

Inverse Universe

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



197.8440, 18.4750, 12.0990



221.1870, 24.9390, 16.0990



207.9900, -12.3760, -18.0080



104.7450, 5.2720, 3.5760



59.4640, 85.6360, 55.9720



16.2900, 23.1510, 15.4630

Previews

White Background



This preview shows how the YIQ color 196.8070, 2.7020, 17.1180 looks on a white background.

Color Contrast Check

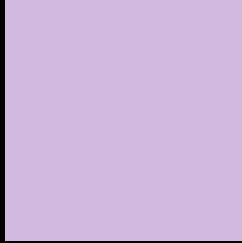
Large Text (above 18pt) WCAG AA × Fail

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 196.8070, 2.7020, 17.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

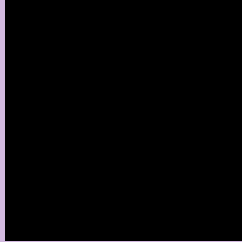
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.8070, 2.7020, 17.1180

Background



This preview shows how black text looks on a background with the YIQ color 196.8070, 2.7020, 17.1180.



This preview shows how white text looks on a background with the YIQ color 196.8070, 2.7020,

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

196.8070, 2.7020, 17.1180

Protanopia

194.6090, -14.5360, 10.1360

Deuteranopia

195.7520, -4.6330, 12.3830



Tritanopia

195.3910, 6.5090, 8.6930

Trichromacy



Original Color

196.8070, 2.7020, 17.1180

Protanomaly

195.0120, -8.3010, 12.7790

Deuteranomaly

196.3610, -1.9740, 13.7540

Tritanomaly

195.9010, 5.1330, 11.6050

Monochromacy



Original Color

196.8070, 2.7020, 17.1180

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1730, 1.1910, 5.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.8070, 2.7020, 17.1180 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(210, 185, 223)` looks like.

```
.text, #text, p{  
    color:rgb(210, 185, 223)  
}
```

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(210, 185, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 185, 223) }
```

Border

The CSS property to change the border of an element to YIQ 196.8070, 2.7020, 17.1180 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(210, 185, 223) }
```


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

```
.border{ border-color:rgb(210, 185, 223) }
```

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

Here you see how a box with a 4 pixel rgb(210, 185, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 185, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 185, 223);  
box-shadow:4px 4px 4px 4px rgb(210, 185,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 196.8070, 2.7020, 17.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 185, 223) }
```

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

```
.background{ background-color: rgb(210,  
185, 223) }
```

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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