

Converting Colors

YIQ(183.8850, 20.3980, 26.8140)

Have a look what the booklet for
YIQ(183.8850, 20.3980, 26.8140)
contains.

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Color

**YIQ(183.8850, 20.3980,
26.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA1CF
RGB	220, 161, 207
RGB Percent	86%, 63%, 81%
CMY	0.1371, 0.3687, 0.1882
CMYK	0.00, 0.27, 0.06, 0.14
HSL	313°, 46%, 75%
HSV	313°, 27%, 86%
XYZ	53.5327, 45.2090, 64.9436
YIQ	183.8850, 20.3980, 26.8140

Conversions

Conversions Part 2

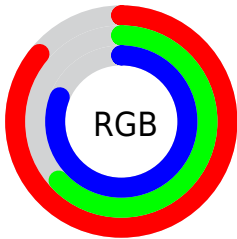
Format	Color
R_{YB}	220, 161, 207
Decimal	14459343
CIE _{Lab}	73.03, 29.17, -14.85
CIE _{LCh}	73, 32.735, 333.013
Yxy	45.2090, 0.3270, 0.2762
Android (android.graphics.Color)	4292649423 (0xFFDCA1CF)
YUV	183.8850, 11.3957, 31.6729
Hunter-Lab	67.2377, 24.4507, -10.2008

Details

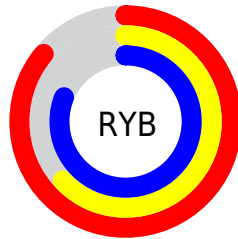
The YIQ color $183.8850, 20.3980, 26.8140$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $197.1150, -20.3980, -26.8140$, and the grayscale version is $184.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $232.1070, 10.7250, 20.3970$, and $130.4610, 18.6560, 25.3440$ is the 20% darker color. If you saturate the color by 10%, you get $170.4010, 28.0530, 36.7650$, and if you desaturate by 10%, it is $197.3690, 12.7430, 16.8630$.

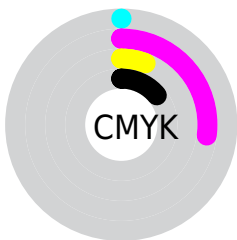
Distribution



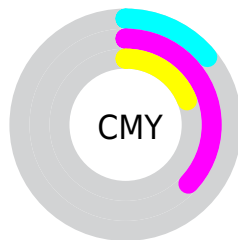
- Red (86%)
- Green (63%)
- Blue (81%)



- Red (86%)
- Yellow (63%)
- Blue (81%)



- Cyan (0%)
- Magenta (27%)
- Yellow (6%)
- Black (14%)





- Cyan (14%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.8850, 20.3980, 26.8140 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 183.8850, 20.3980, 26.8140 by changing the saturation by 10% instead.


 183.8850, 20.3980,
26.8140


 183.8850, 20.3980,
26.8140


255.0000, -0.0000,
-0.0000


 156.4720, 20.1230,
26.2910


 232.1070, 10.7250,
20.3970


 130.4610, 18.6560,
25.3440

 249.1300, 2.7500,
5.2300

 104.7490, 17.7850,
24.6090

 80.0370, 16.9140,
23.8740

 55.7380, 16.3180,
23.6620

 32.4390, 15.7220,
23.4500

 15.7220, 13.2470,

18.7430

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 183.8850, 20.3980,
26.8140

■ 183.8850, 20.3980,
26.8140

■ 170.4010, 28.0530,
36.7650

■ 197.3690, 12.7430,
16.8630

■ 156.9170, 35.7080,
46.7160

■ 210.8530, 5.0880,
6.9120

■ 143.4330, 43.3630,
56.6670

■ 224.3370, -2.5670,
-3.0390

■ 130.0630, 50.6970,
66.9290

■ 237.7070, -9.9010,
-13.3010

116.5790, 58.3520,
76.8800

241.7990,
-13.1560, -14.8840

103.0950, 66.0070,
86.8310

242.3690,
-14.7610, -13.3290

89.6110, 73.6620,
96.7820

242.9390,
-16.3660, -11.7740

85.2740, 76.2290,
99.8210

243.5090,
-17.9710, -10.2190

244.0790,
-19.5760, -8.6640

Harmonies

Analogous

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



181.9230, -9.1280, 22.2640



183.8850, 20.3980, 26.8140



183.2000, 41.2600, 23.1800

Triad

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



183.8850, 20.3980, 26.8140



176.9550, 30.2630, -14.3210



162.1400, -74.2720, -19.6160

Complementary

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



183.8850, 20.3980, 26.8140



197.1150, -20.3980, -26.8140

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.



164.3900, -54.7850, -25.8650



183.8850, 20.3980, 26.8140



173.6960, 5.8270, -23.0130

Square

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



183.8850, 20.3980, 26.8140



179.7710, 45.9410, -1.0910



169.3750, -24.0660, -26.4180



167.8780, -67.1220, -6.0180

Rectangle

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



183.8850, 20.3980, 26.8140



182.1050, 48.5970, 16.8610



169.3750, -24.0660, -26.4180



161.7120, -70.1910, -21.9910

Sweetspot

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



183.8850, 20.3980, 26.8140



242.6900, 7.1050, 8.9050



171.6130, -11.1910, 21.1050



120.0270, 4.5380, 5.8660



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.



183.8850, 20.3980, 26.8140



204.8140, 28.3280, 37.2880



180.5790, 29.7070, 17.7950



103.2010, 3.9880, 4.8200



67.1170, 59.7730, 78.6610



17.8580, 15.8600, 20.9480

Inverse Universe

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



183.8850, 20.3980, 26.8140



204.8140, 28.3280, 37.2880



200.4210, -29.7070, -17.7950



103.2010, 3.9880, 4.8200



67.1170, 59.7730, 78.6610



17.8580, 15.8600, 20.9480

Previews

White Background



This preview shows how the YIQ color 183.8850, 20.3980, 26.8140 looks on a white background.

Color Contrast Check

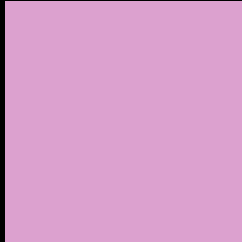
Large Text (above 18pt) WCAG AA × Fail

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 183.8850, 20.3980, 26.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

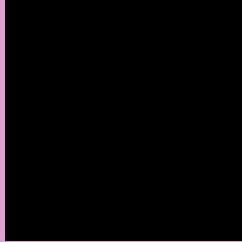
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.8850, 20.3980, 26.8140

Background



This preview shows how black text looks on a background with the YIQ color 183.8850, 20.3980, 26.8140.



This preview shows how white text looks on a background with the YIQ color 183.8850, 20.3980,

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

183.8850, 20.3980, 26.8140

Protanopia

180.4670, -17.0120, 10.9560

Deuteranopia

181.2960, -3.3490, 11.1390



Tritanopia

182.4320, 25.6270, 14.6430

Trichromacy



Original Color

183.8850, 20.3980, 26.8140

Protanomaly

181.8710, -3.3500, 16.6660

Deuteranomaly

182.3620, 5.4530, 16.8210

Tritanomaly

182.6970, 23.5630, 19.0110

Monochromacy



Original Color

183.8850, 20.3980, 26.8140

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.1030, 7.3800, 9.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.8850, 20.3980, 26.8140 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, 161, 207)` looks like.

```
.text, #text, p{  
    color:rgb(220, 161, 207)  
}
```

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, 161, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 161, 207) }
```

Border

The CSS property to change the border of an element to YIQ 183.8850, 20.3980, 26.8140 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, 161, 207) }
```


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

```
.border{ border-color:rgb(220, 161, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 161, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 161, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 161, 207); box-shadow:4px 4px 4px 4px rgb(220, 161, 207) }
```

Background

The CSS property to change the background color of an element to YIQ 183.8850, 20.3980, 26.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 161, 207) }
```

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

```
.background{ background-color: rgb(220,  
161, 207) }
```

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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