

Converting Colors

YIQ(201.1810, -1.2870, 17.8250)

Have a look what the booklet for
YIQ(201.1810, -1.2870, 17.8250)
contains.

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Color

**YIQ(201.1810, -1.2870,
17.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BEE9
RGB	211, 190, 233
RGB Percent	83%, 75%, 91%
CMY	0.1725, 0.2549, 0.0863
CMYK	0.09, 0.18, 0.00, 0.09
HSL	269°, 49%, 83%
HSV	269°, 18%, 91%
XYZ	59.9877, 56.5575, 84.8385
YIQ	201.1810, -1.2870, 17.8250

Conversions

Conversions Part 2

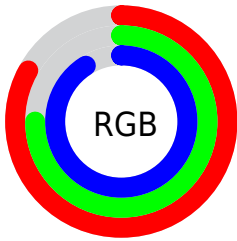
Format	Color
R_{YB}	211, 190, 233
Decimal	13876969
CIE _{Lab}	79.93, 15.40, -18.64
CIE _{LCh}	80, 24.178, 309.555
Yxy	56.5575, 0.2979, 0.2808
Android (android.graphics.Color)	4292067049 (0xFFD3BEE9)
YUV	201.1810, 15.6868, 8.6113
Hunter-Lab	75.2047, 10.7738, -14.2417

Details

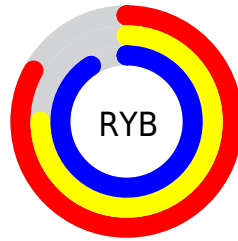
The YIQ color $201.1810, -1.2870, 17.8250$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $221.8190, 1.2870, -17.8250$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.4750, 4.7070$, and $147.2410, -1.5160, 16.4680$ is the 20% darker color. If you saturate the color by 10%, you get $184.0920, -2.1140, 27.3100$, and if you desaturate by 10%, it is $218.2700, -0.4600, 8.3400$.

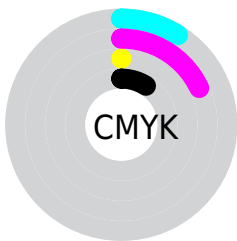
Distribution



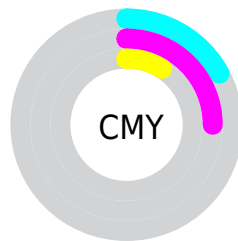
- Red (83%)
- Green (75%)
- Blue (91%)



- Red (83%)
- Yellow (75%)
- Blue (91%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.1810, -1.2870, 17.8250 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 201.1810, -1.2870, 17.8250 by changing the saturation by 10% instead.

■ 201.1810, -1.2870,
17.8250

■ 201.1810, -1.2870,
17.8250

255.0000, -0.0000,
-0.0000

■ 173.7680, -1.5620,
17.3020

■ 249.7170, 2.4750,
4.7070

■ 147.2410, -1.5160,
16.4680

■ 121.1270, -1.1950,
16.1570

■ 96.7140, -1.4700,
15.6340

■ 72.3010, -1.7450,
15.1110

■ 49.7740, -1.6990,
14.2770

■ 27.9480, -2.2490,

13.2310

■ 8.4320, -0.7360,
13.3440

■ 0.3420, -0.9630,
0.9330

■ 201.1810, -1.2870,
17.8250

■ 201.1810, -1.2870,
17.8250

■ 184.0920, -2.1140,
27.3100

■ 218.2700, -0.4600,
8.3400

■ 166.4160, -2.6660,
37.3180

■ 235.9460, 0.0920,
-1.6680

■ 149.3270, -3.4930,
46.8030

■ 250.1000, 2.2940,
-8.5380

■ 132.2380, -4.3200,
56.2880

■ 252.4920, 7.0620,
-6.8420

■ 115.1490, -5.1470,
65.7730

■ 97.7720, -5.1030,
75.9930

■ 80.6830, -5.9300,
85.4780

■ 63.5940, -6.7570,
94.9630

■ 60.6480, -6.8490,
96.6310

Harmonies

Analogous

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



197.9330, -24.2560, 10.0800



201.1810, -1.2870, 17.8250



202.0710, 19.5740, 19.7180

Triad

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



201.1810, -1.2870, 17.8250



198.4860, 33.5620, -2.5180



188.7880, -40.9860, -17.1300

Complementary

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



201.1810, -1.2870, 17.8250



221.8190, 1.2870, -17.8250

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.



190.9610, -22.6000, -19.9440



201.1810, -1.2870, 17.8250



196.5610, 19.8090, -12.0870

Square

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



201.1810, -1.2870, 17.8250



200.3330, 38.7870, 7.4190



194.2210, 0.0950, -18.2490



189.1110, -48.9650, -10.1890

Rectangle

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



201.1810, -1.2870, 17.8250



201.8780, 30.3030, 18.0070



194.2210, 0.0950, -18.2490



189.3710, -35.4380, -18.5580

Sweetspot

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



201.1810, -1.2870, 17.8250



243.8030, -0.6430, 6.1490



207.8160, -19.8530, 1.8670



121.2220, -0.5050, 3.6470



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.



201.1810, -1.2870, 17.8250



213.4570, -1.8840, 23.1400



207.4600, 11.2290, 22.2770



108.7490, -0.5510, 4.4810



47.2450, -5.0570, 75.1590



13.9300, -1.8380, 22.3060

Inverse Universe

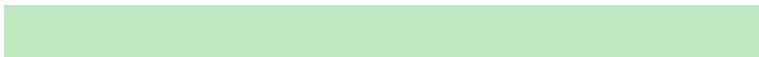
The Inverse Universe completely reimagines the original color for something new.



205.3650, 18.5660, 15.9580



219.0500, 24.0670, 20.8910



215.5400, -11.2290, -22.2770



109.9730, 4.6300, 4.1980



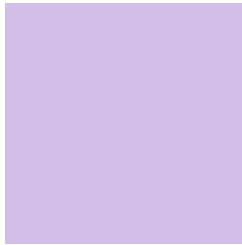
64.7210, 78.0230, 67.2950



19.2240, 23.5170, 19.8450

Previews

White Background



This preview shows how the YIQ color 201.1810, -1.2870, 17.8250 looks on a white background.

Color Contrast Check

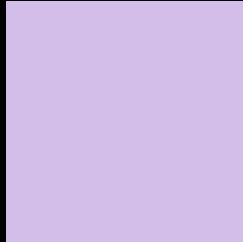
Large Text (above 18pt) WCAG AA × Fail

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 201.1810, -1.2870, 17.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

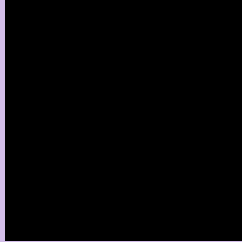
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.1810, -1.2870, 17.8250

Background



This preview shows how black text looks on a background with the YIQ color 201.1810, -1.2870, 17.8250.



This preview shows how white text looks on a background with the YIQ color 201.1810, -1.2870,

17.8250.

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

201.1810, -1.2870, 17.8250

Protanopia

198.8800, -16.7370, 11.4790

Deuteranopia

199.8380, -7.7510, 13.8250



Tritanopia

199.5970, 2.9330, 7.4210

Trichromacy



Original Color

201.1810, -1.2870, 17.8250

Protanomaly

199.9840, -11.0980, 13.9100

Deuteranomaly

200.4470, -5.0920, 15.1960

Tritanomaly

200.3350, 0.9150, 10.9550

Monochromacy



Original Color

201.1810, -1.2870, 17.8250

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.2160, -0.3680, 6.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.1810, -1.2870, 17.8250 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(211, 190, 233)` looks like.

```
.text, #text, p{  
    color:rgb(211, 190, 233)  
}
```

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(211, 190, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 190, 233) }
```

Border

The CSS property to change the border of an element to YIQ 201.1810, -1.2870, 17.8250 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(211, 190, 233) }
```


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

```
.border{ border-color:rgb(211, 190, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 190, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 190, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 190, 233);  
box-shadow:4px 4px 4px 4px rgb(211, 190,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 201.1810, -1.2870, 17.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 190, 233) }
```

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

```
.background{ background-color: rgb(211,  
190, 233) }
```

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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