

Converting Colors

YIQ(189.0530, 10.8170, 18.7290)

Have a look what the booklet for
YIQ(189.0530, 10.8170, 18.7290)
contains.

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Color

**YIQ(189.0530, 10.8170,
18.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AED1
RGB	211, 174, 209
RGB Percent	83%, 68%, 82%
CMY	0.1724, 0.3177, 0.1804
CMYK	0.00, 0.18, 0.01, 0.17
HSL	303°, 30%, 75%
HSV	303°, 18%, 83%
XYZ	53.5142, 48.7228, 66.9082
YIQ	189.0530, 10.8170, 18.7290

Conversions

Conversions Part 2

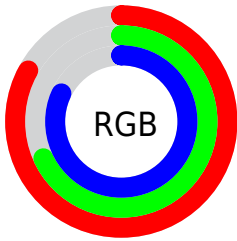
Format	Color
R _Y B	211, 174, 209
Decimal	13872849
CIE Lab	75.28, 19.43, -12.66
CIE LCh	75, 23.188, 326.916
Yxy	48.7228, 0.3164, 0.2881
Android (android.graphics.Color)	4292062929 (0xFFD3AED1)
YUV	189.0530, 9.8339, 19.2475
Hunter-Lab	69.8017, 14.6958, -7.9710

Details

The YIQ color **189.0530, 10.8170, 18.7290** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.9470, -10.8170, -18.7290**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.3250, 6.8750, 13.0750**, and **135.3410, 9.9460, 17.9940** is the 20% darker color. If you saturate the color by 10%, you get **176.6120, 16.9130, 29.4010**, and if you desaturate by 10%, it is **201.4940, 4.7210, 8.0570**.

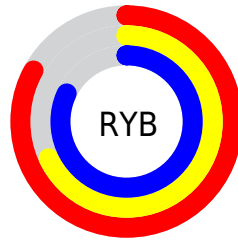
Distribution



Red (83%)

Green (68%)

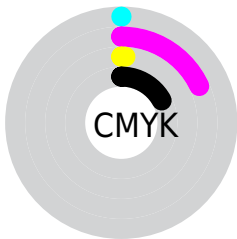
Blue (82%)



Red (83%)

Yellow (68%)

Blue (82%)

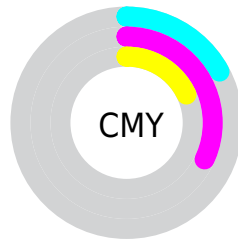


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (17%)



Cyan (17%)


Magenta (32%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.0530, 10.8170, 18.7290 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 189.0530, 10.8170, 18.7290 by changing the saturation by 10% instead.


 189.0530, 10.8170,
18.7290


 189.0530, 10.8170,
18.7290


255.0000, -0.0000,
-0.0000


 161.6400, 10.5420,
18.2060


 240.3250, 6.8750,
13.0750

 135.3410, 9.9460,
17.9940

 109.9280, 9.6710,
17.4710

 85.1020, 9.1210,
16.4250

 61.6890, 8.8460,
15.9020

 39.8630, 8.2960,
14.8560

 17.3900, 8.2500,

15.6900

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 189.0530, 10.8170,
18.7290

■ 189.0530, 10.8170,
18.7290

■ 176.6120, 16.9130,
29.4010

■ 201.4940, 4.7210,
8.0570

■ 164.1710, 23.0090,
40.0730

■ 213.9350, -1.3750,
-2.6150

■ 151.7300, 29.1050,
50.7450

■ 226.3760, -7.4710,
-13.2870

■ 139.1750, 35.5220,
61.1060

■ 237.1700,
-13.0630, -22.0790

■ 126.1470, 41.8930,
72.3010

■ 237.2840,
-13.3840, -21.7680

■ 113.7060, 47.9890,
82.9730

■ 237.3980,
-13.7050, -21.4570

■ 101.2650, 54.0850,
93.6450

■ 237.5120,
-14.0260, -21.1460

■ 88.8240, 60.1810,
104.3170

■ 237.6260,
-14.3470, -20.8350

■ 85.7750, 61.8770,
106.6210

■ 237.7400,
-14.6680, -20.5240

Harmonies

Analogous

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



187.2830, -10.5020, 14.1220



189.0530, 10.8170, 18.7290



188.7960, 27.5980, 17.4700

Triad

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



189.0530, 10.8170, 18.7290



184.7190, 25.3560, -7.9880



176.2700, -45.1590, -13.0870

Complementary

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



189.0530, 10.8170, 18.7290



195.9470, -10.8170, -18.7290

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.



176.7520, -32.1370, -17.8090



189.0530, 10.8170, 18.7290



182.4070, 8.4390, -15.2810

Square

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



189.0530, 10.8170, 18.7290



186.4910, 35.1660, 1.4540



179.4630, -12.3300, -18.8420



178.7250, -44.7020, -4.8460

Rectangle

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



189.0530, 10.8170, 18.7290



188.3960, 34.4760, 13.9640



179.4630, -12.3300, -18.8420



176.6570, -41.9950, -15.3630

Sweetspot

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



189.0530, 10.8170, 18.7290



247.2550, 3.8960, 6.4880



178.8160, -10.6850, 11.9310



123.1900, 2.5210, 3.8730



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.



189.0530, 10.8170, 18.7290



222.9600, 15.8130, 27.3090



187.0010, 16.5950, 13.1310



98.4290, 3.3460, 5.4420



68.3580, 49.0890, 85.0650



16.7050, 11.9170, 20.8210

Inverse Universe

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



189.0530, 10.8170, 18.7290



222.9600, 15.8130, 27.3090



197.9990, -16.5950, -13.1310



98.4290, 3.3460, 5.4420



68.3580, 49.0890, 85.0650



16.7050, 11.9170, 20.8210

Previews

White Background



This preview shows how the YIQ color 189.0530, 10.8170, 18.7290 looks on a white background.

Color Contrast Check

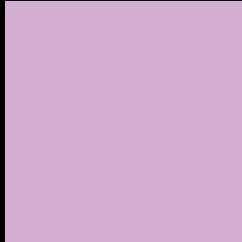
Large Text (above 18pt) WCAG AA × Fail

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 189.0530, 10.8170, 18.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

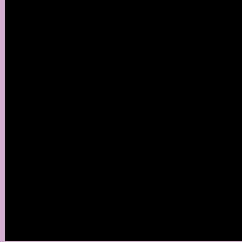
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.0530, 10.8170, 18.7290

Background



This preview shows how black text looks on a background with the YIQ color 189.0530, 10.8170, 18.7290.



This preview shows how white text looks on a background with the YIQ color 189.0530, 10.8170,

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

189.0530, 10.8170, 18.7290

Protanopia

186.4520, -12.6560, 9.1040

Deuteranopia

187.6660, -1.5150, 10.9410



Tritanopia

187.8650, 13.9820, 10.9260

Trichromacy



Original Color

189.0530, 10.8170, 18.7290

Protanomaly

187.0510, -4.0370, 12.5950

Deuteranomaly

187.9980, 3.4820, 13.9940

Tritanomaly

188.3750, 12.6060, 13.8380

Monochromacy



Original Color

189.0530, 10.8170, 18.7290

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.2550, 3.8960, 6.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.0530, 10.8170, 18.7290 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, 174, 209)` looks like.

```
.text, #text, p{  
    color:rgb(211, 174, 209)  
}
```

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, 174, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 174, 209) }
```

Border

The CSS property to change the border of an element to YIQ 189.0530, 10.8170, 18.7290 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, 174, 209) }
```


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

```
.border{ border-color:rgb(211, 174, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 174, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 174, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 174, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 174,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 189.0530, 10.8170, 18.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 174, 209) }
```

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

```
.background{ background-color: rgb(211,  
174, 209) }
```

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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