

Converting Colors

YIQ(189.1500, 9.1660, 21.1180)

Have a look what the booklet for
YIQ(189.1500, 9.1660, 21.1180)
contains.

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Color

**YIQ(189.1500, 9.1660,
21.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	D3ADD7
RGB	211, 173, 215
RGB Percent	83%, 68%, 84%
CMY	0.1724, 0.3216, 0.1569
CMYK	0.02, 0.20, 0.00, 0.16
HSL	294°, 34%, 76%
HSV	294°, 20%, 84%
XYZ	54.0789, 48.6407, 70.8290
YIQ	189.1500, 9.1660, 21.1180

Conversions

Conversions Part 2

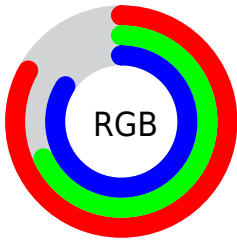
Format	Color
R _Y B	211, 173, 215
Decimal	13872599
CIE Lab	75.23, 21.10, -16.00
CIE LCh	75, 26.480, 322.815
Yxy	48.6407, 0.3116, 0.2803
Android (android.graphics.Color)	4292062679 (0xFFD3ADD7)
YUV	189.1500, 12.7441, 19.1625
Hunter-Lab	69.7429, 16.3595, -11.3933

Details

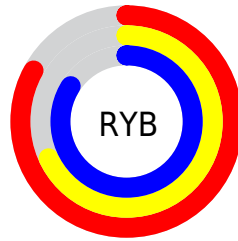
The YIQ color $189.1500, 9.1660, 21.1180$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $198.8500, -9.1660, -21.1180$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.7380, 7.1500, 13.5980$, and $135.3240, 8.6160, 20.0720$ is the 20% darker color. If you saturate the color by 10%, you get $175.6380, 14.0240, 32.2000$, and if you desaturate by 10%, it is $202.0750, 4.5830, 10.5590$.

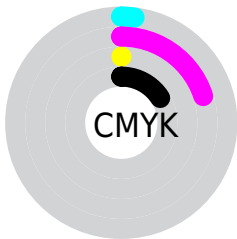
Distribution



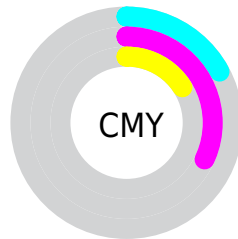
- Red (83%)
- Green (68%)
- Blue (84%)



- Red (83%)
- Yellow (68%)
- Blue (84%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.1500, 9.1660, 21.1180 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 189.1500, 9.1660, 21.1180 by changing the saturation by 10% instead.

■ 189.1500, 9.1660,
21.1180

■ 189.1500, 9.1660,
21.1180

255.0000, -0.0000,
-0.0000

■ 161.7370, 8.8910,
20.5950

■ 239.7380, 7.1500,
13.5980

■ 135.3240, 8.6160,
20.0720

■ 109.9110, 8.3410,
19.5490

■ 85.1990, 7.4700,
18.8140

■ 61.6720, 7.5160,
17.9800

■ 39.5470, 6.3700,
16.7220

■ 16.9600, 6.6450,

17.2450

■ 1.9380, -5.4570,
5.2870

■ 0.0000, 0.0000,
0.0000

■ 189.1500, 9.1660,
21.1180

■ 189.1500, 9.1660,
21.1180

■ 175.6380, 14.0240,
32.2000

■ 202.0750, 4.5830,
10.5590

■ 162.7130, 18.6070,
42.7590

■ 215.5870, -0.2750,
-0.5230

■ 149.2010, 23.4650,
53.8410

■ 228.5120, -4.8580,
-11.0820

■ 136.2760, 28.0480,
64.4000

■ 239.6760, -8.6160,
-20.0720

122.7640, 32.9060,
75.4820

240.2740, -7.4240,
-19.6480

109.8390, 37.4890,
86.0410

240.8720, -6.2320,
-19.2240

96.3270, 42.3470,
97.1230

241.4700, -5.0400,
-18.8000

83.4020, 46.9300,
107.6820

242.0680, -3.8480,
-18.3760

82.8150, 47.2050,
108.2050

242.6660, -2.6560,
-17.9520

Harmonies

Analogous

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



186.5860, -15.7290, 15.2390



189.1500, 9.1660, 21.1180



189.2740, 29.2480, 20.6080

Triad

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



189.1500, 9.1660, 21.1180



184.9430, 30.5370, -8.2710



174.0410, -51.9440, -16.7760

Complementary

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



189.1500, 9.1660, 21.1180



198.8500, -9.1660, -21.1180

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.



175.9750, -34.3830, -21.1590



189.1500, 9.1660, 21.1180



182.5060, 12.4740, -16.8220

Square

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



189.1500, 9.1660, 21.1180



186.7690, 40.2550, 2.8390



178.7790, -10.4040, -20.7080



176.6530, -53.3670, -7.5030

Rectangle

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



189.1500, 9.1660, 21.1180



188.8310, 37.6850, 16.3810



178.7790, -10.4040, -20.7080



174.3250, -46.9920, -18.4160

Sweetspot

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



189.1500, 9.1660, 21.1180



245.8960, 3.5290, 7.6330



180.1360, -14.5820, 10.9700



122.4180, 1.8790, 4.4950



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.



189.1500, 9.1660, 21.1180



218.5730, 12.6490, 29.5850



188.4080, 17.0070, 16.6790



100.2440, 2.4290, 5.5410



65.8390, 37.4890, 86.0410



16.5630, 9.4410, 21.6410

Inverse Universe

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



186.0140, 23.7480, 10.1480



214.3250, 33.2380, 14.3740



199.5920, -17.0070, -16.6790



99.4030, 6.2350, 2.6430



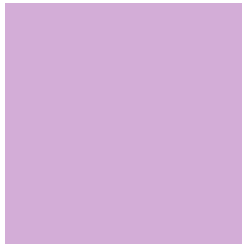
52.9530, 96.7800, 41.2280



13.3130, 24.3440, 10.3600

Previews

White Background



This preview shows how the YIQ color 189.1500, 9.1660, 21.1180 looks on a white background.

Color Contrast Check

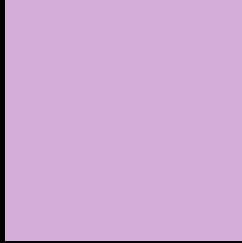
Large Text (above 18pt) WCAG AA × Fail

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 189.1500, 9.1660, 21.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

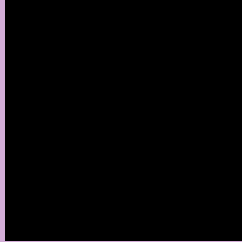
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.1500, 9.1660, 21.1180

Background



This preview shows how black text looks on a background with the YIQ color 189.1500, 9.1660, 21.1180.



This preview shows how white text looks on a background with the YIQ color 189.1500, 9.1660,

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

189.1500, 9.1660, 21.1180

Protanopia

186.2390, -16.3700, 10.3340

Deuteranopia

187.3390, -4.9080, 11.8600



Tritanopia

187.8650, 13.9820, 10.9260

Trichromacy



Original Color

189.1500, 9.1660, 21.1180

Protanomaly

187.1370, -7.1550, 14.0370

Deuteranomaly

188.0840, 0.3640, 15.4360

Tritanomaly

188.6030, 11.9640, 14.4600

Monochromacy



Original Color

189.1500, 9.1660, 21.1180

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.8960, 3.5290, 7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.1500, 9.1660, 21.1180 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(211, 173, 215)` looks like.

```
.text, #text, p{  
    color:rgb(211, 173, 215)  
}
```

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, 173, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 173, 215) }
```

Border

The CSS property to change the border of an element to YIQ 189.1500, 9.1660, 21.1180 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(211, 173, 215) }
```


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

```
.border{ border-color:rgb(211, 173, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 173, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 173, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 173, 215);  
box-shadow:4px 4px 4px 4px rgb(211, 173,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 189.1500, 9.1660, 21.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 173, 215) }
```

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

```
.background{ background-color: rgb(211,  
173, 215) }
```

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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