

Converting Colors

YIQ(188.8420, 12.7890, 16.0290)

Have a look what the booklet for
YIQ(188.8420, 12.7890, 16.0290)
contains.

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Color

**YIQ(188.8420, 12.7890,
16.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AFCA
RGB	211, 175, 202
RGB Percent	83%, 69%, 79%
CMY	0.1724, 0.3138, 0.2078
CMYK	0.00, 0.17, 0.04, 0.17
HSL	315°, 29%, 76%
HSV	315°, 17%, 83%
XYZ	52.8601, 48.7715, 62.5096
YIQ	188.8420, 12.7890, 16.0290

Conversions

Conversions Part 2

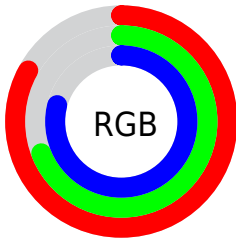
Format	Color
R _Y B	211, 175, 202
Decimal	13873098
CIE Lab	75.31, 17.61, -8.79
CIE LCh	75, 19.682, 333.460
Yxy	48.7715, 0.3220, 0.2971
Android (android.graphics.Color)	4292063178 (0xFFD3AFCA)
YUV	188.8420, 6.4869, 19.4326
Hunter-Lab	69.8366, 12.8946, -4.1840

Details

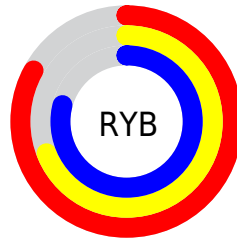
The YIQ color **188.8420, 12.7890, 16.0290** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **197.1580, -12.7890, -16.0290**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.9120, 6.6000, 12.5520**, and **135.1300, 11.9180, 15.2940** is the 20% darker color. If you saturate the color by 10%, you get **175.9450, 20.1690, 25.4570**, and if you desaturate by 10%, it is **201.7390, 5.4090, 6.6010**.

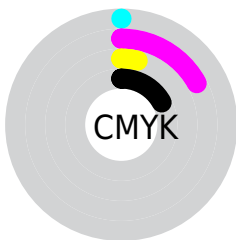
Distribution



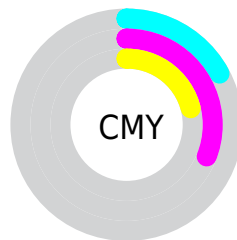
- Red (83%)
- Green (69%)
- Blue (79%)



- Red (83%)
- Yellow (69%)
- Blue (79%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8420, 12.7890, 16.0290 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 188.8420, 12.7890, 16.0290 by changing the saturation by 10% instead.

■ 188.8420, 12.7890,
16.0290

■ 188.8420, 12.7890,
16.0290

255.0000, -0.0000,
-0.0000

■ 161.5430, 12.1930,
15.8170

■ 240.9120, 6.6000,
12.5520

■ 135.1300, 11.9180,
15.2940

■ 109.7170, 11.6430,
14.7710

■ 85.3040, 11.3680,
14.2480

■ 61.7060, 10.1760,
13.8240

■ 39.8800, 9.6260,
12.7780

■ 17.4070, 9.5800,

13.6120

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 188.8420, 12.7890,
16.0290

■ 188.8420, 12.7890,
16.0290

■ 175.9450, 20.1690,
25.4570

■ 201.7390, 5.4090,
6.6010

■ 162.9340, 27.8700,
34.5740

■ 214.7500, -2.2920,
-2.5160

■ 150.0370, 35.2500,
44.0020

■ 227.6470, -9.6720,
-11.9440

■ 137.1400, 42.6300,
53.4300

■ 238.1960,
-15.9520, -19.2800

■ 123.6560, 50.2850,
63.3810

■ 238.7660,
-17.5570, -17.7250

■ 110.6450, 57.9860,
72.4980

■ 239.4500,
-19.4830, -15.8590

■ 97.7480, 65.3660,
81.9260

■ 240.0200,
-21.0880, -14.3040

■ 84.8510, 72.7460,
91.3540

■ 240.5900,
-22.6930, -12.7490

■ 81.1010, 75.0380,
93.8700

■ 241.2740,
-24.6190, -10.8830

Harmonies

Analogous

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



187.3930, -5.0000, 13.5280



188.8420, 12.7890, 16.0290



188.9050, 25.6730, 13.8090

Triad

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



188.8420, 12.7890, 16.0290



184.4840, 18.7080, -8.6520



178.7980, -37.7780, -9.1860

Complementary

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



188.8420, 12.7890, 16.0290



197.1580, -12.7890, -16.0290

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.



178.5290, -29.8910, -14.4590



188.8420, 12.7890, 16.0290



182.1230, 3.4870, -13.6410

Square

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



188.8420, 12.7890, 16.0290



186.6150, 28.8850, -0.3550



180.0870, -14.0270, -15.6190



181.3950, -34.8450, -1.7650

Rectangle

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



188.8420, 12.7890, 16.0290



188.1350, 30.7170, 10.5010



180.0870, -14.0270, -15.6190



178.7010, -36.1270, -11.5750

Sweetspot

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



188.8420, 12.7890, 16.0290



247.0270, 4.5380, 5.8660



181.7950, -6.1920, 13.1040



123.0760, 2.8420, 3.5620



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.



188.8420, 12.7890, 16.0290



223.5810, 18.1980, 22.6300



186.7900, 18.5670, 10.4310



98.2010, 3.9880, 4.8200



64.5960, 59.6820, 74.8020



15.7930, 14.4850, 18.3330

Inverse Universe

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



188.8420, 12.7890, 16.0290



223.5810, 18.1980, 22.6300



199.2100, -18.5670, -10.4310



98.2010, 3.9880, 4.8200



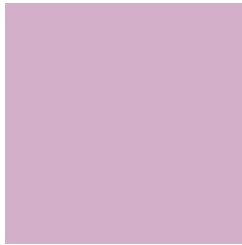
64.5960, 59.6820, 74.8020



15.7930, 14.4850, 18.3330

Previews

White Background



This preview shows how the YIQ color 188.8420, 12.7890, 16.0290 looks on a white background.

Color Contrast Check

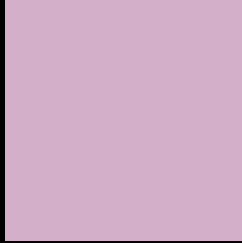
Large Text (above 18pt) WCAG AA × Fail

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 188.8420, 12.7890, 16.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

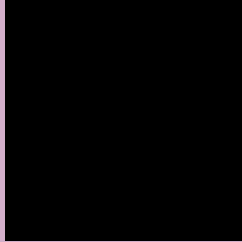
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.8420, 12.7890, 16.0290

Background



This preview shows how black text looks on a background with the YIQ color 188.8420, 12.7890, 16.0290.



This preview shows how white text looks on a background with the YIQ color 188.8420, 12.7890,

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

188.8420, 12.7890, 16.0290

Protanopia

186.1380, -8.8960, 7.0400

Deuteranopia

187.4770, 3.3910, 10.1350



Tritanopia

188.1640, 14.5780, 11.1380

Trichromacy



Original Color

188.8420, 12.7890, 16.0290

Protanomaly

187.4380, -0.8730, 10.3190

Deuteranomaly

187.7980, 6.9210, 12.2410

Tritanomaly

188.3320, 14.1650, 13.1170

Monochromacy



Original Color

188.8420, 12.7890, 16.0290

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.0270, 4.5380, 5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8420, 12.7890, 16.0290 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, 175, 202)` looks like.

```
.text, #text, p{  
    color:rgb(211, 175, 202)  
}
```

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, 175, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 175, 202) }
```

Border

The CSS property to change the border of an element to YIQ 188.8420, 12.7890, 16.0290 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, 175, 202) }
```


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

```
.border{ border-color:rgb(211, 175, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 175, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 175, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 175, 202);  
box-shadow:4px 4px 4px 4px rgb(211, 175,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8420, 12.7890, 16.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 175, 202) }
```

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

```
.background{ background-color: rgb(211,  
175, 202) }
```

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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