

Converting Colors

YIQ(187.7390, 14.5770, 16.6650)

Have a look what the booklet for
YIQ(187.7390, 14.5770, 16.6650)
contains.

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Color

**YIQ(187.7390, 14.5770,
16.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	D4ADC8
RGB	212, 173, 200
RGB Percent	83%, 68%, 78%
CMY	0.1685, 0.3216, 0.2156
CMYK	0.00, 0.18, 0.06, 0.17
HSL	318°, 31%, 75%
HSV	318°, 18%, 83%
XYZ	52.5263, 48.0527, 61.1560
YIQ	187.7390, 14.5770, 16.6650

Conversions

Conversions Part 2

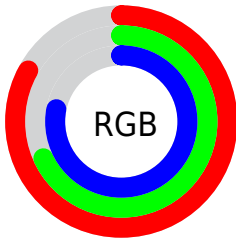
Format	Color
R _Y B	212, 173, 200
Decimal	13938120
CIE Lab	74.86, 18.68, -8.36
CIE LCh	75, 20.470, 335.887
Yxy	48.0527, 0.3248, 0.2971
Android (android.graphics.Color)	4292128200 (0xFFD4ADC8)
YUV	187.7390, 6.0447, 21.2769
Hunter-Lab	69.3200, 13.9459, -3.7832

Details

The YIQ color $187.7390, 14.5770, 16.6650$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $197.2610, -14.5770, -16.6650$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.7380, 7.1500, 13.5980$, and $134.0270, 13.7060, 15.9300$ is the 20% darker color. If you saturate the color by 10%, you get $174.6140, 22.5990, 25.4710$, and if you desaturate by 10%, it is $200.8640, 6.5550, 7.8590$.

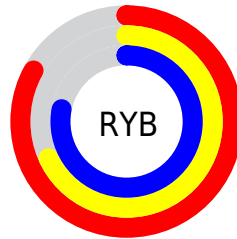
Distribution



Red (83%)

Green (68%)

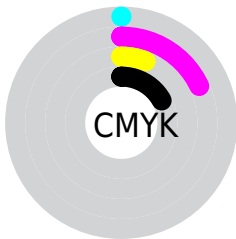
Blue (78%)



Red (83%)

Yellow (68%)

Blue (78%)

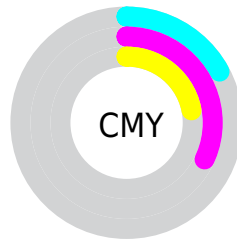


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (17%)



Cyan (17%)


Magenta (32%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.7390, 14.5770, 16.6650 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 187.7390, 14.5770, 16.6650 by changing the saturation by 10% instead.

 187.7390, 14.5770,
16.6650


 187.7390, 14.5770,
16.6650


255.0000, -0.0000,
-0.0000


 160.4400, 13.9810,
16.4530


 239.7380, 7.1500,
13.5980

 134.0270, 13.7060,
15.9300

 108.6140, 13.4310,
15.4070

 84.0160, 12.2390,
14.9830

 61.1900, 11.6890,
13.9370

 38.4780, 10.8180,
13.2020

 16.4180, 11.0470,

14.5590

■ 0.0000, 0.0000,
0.0000

■ 187.7390, 14.5770,
16.6650

■ 187.7390, 14.5770,
16.6650

■ 174.6140, 22.5990,
25.4710

■ 200.8640, 6.5550,
7.8590

■ 161.6030, 30.3000,
34.5880

■ 213.8750, -1.1460,
-1.2580

■ 147.8910, 38.5970,
43.9170

■ 227.5870, -9.4430,
-10.5870

■ 134.8800, 46.2980,
53.0340

■ 238.8370,
-16.3190, -18.1350

■ 121.7550, 54.3200,
61.8400

■ 239.6350,
-18.5660, -15.9580

■ 108.7440, 62.0210,
70.9570

■ 240.3190,
-20.4920, -14.0920

■ 95.6190, 70.0430,
79.7630

■ 241.1170,
-22.7390, -11.9150

■ 82.0210, 78.0190,
89.4030

■ 241.8010,
-24.6650, -10.0490

■ 80.1460, 79.1650,
90.6610

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



186.4040, -3.5330, 14.4750



187.7390, 14.5770, 16.6650



187.3890, 27.1860, 13.9220

Triad

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



187.7390, 14.5770, 16.6650



183.0710, 18.4330, -9.1750



177.1290, -40.2080, -9.2000

Complementary

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



187.7390, 14.5770, 16.6650



197.2610, -14.5770, -16.6650

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.



176.7460, -32.0000, -14.7840



187.7390, 14.5770, 16.6650



180.9980, 2.3410, -14.8990

Square

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



187.7390, 14.5770, 16.6650



184.9740, 29.2520, -1.5000



178.7770, -16.0900, -16.7780



179.7370, -35.8080, -0.8320

Rectangle

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



187.7390, 14.5770, 16.6650



186.9070, 31.3590, 9.8790



178.7770, -16.0900, -16.7780



177.0320, -38.5570, -11.5890

Sweetspot

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



187.7390, 14.5770, 16.6650



245.6250, 5.7300, 6.2900



181.0340, -5.3670, 14.6730



122.3750, 3.4380, 3.7740



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.



187.7390, 14.5770, 16.6650



220.1900, 20.8570, 24.0010



185.5730, 20.6760, 10.7560



100.2010, 3.9880, 4.8200



64.5810, 64.0380, 72.9500



16.2770, 15.9980, 18.4460

Inverse Universe

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



187.7390, 14.5770, 16.6650



220.1900, 20.8570, 24.0010



199.4270, -20.6760, -10.7560



100.2010, 3.9880, 4.8200



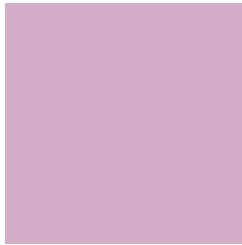
64.5810, 64.0380, 72.9500



16.2770, 15.9980, 18.4460

Previews

White Background



This preview shows how the YIQ color 187.7390, 14.5770, 16.6650 looks on a white background.

Color Contrast Check

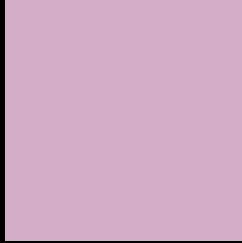
Large Text (above 18pt) WCAG AA × Fail

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 187.7390, 14.5770, 16.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

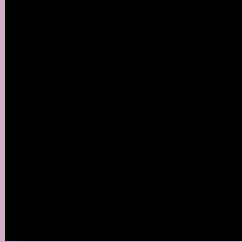
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.7390, 14.5770, 16.6650

Background



This preview shows how black text looks on a background with the YIQ color 187.7390, 14.5770, 16.6650.



This preview shows how white text looks on a background with the YIQ color 187.7390, 14.5770,

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

187.7390, 14.5770, 16.6650

Protanopia

185.0240, -8.5750, 6.7290

Deuteranopia

186.3630, 3.7120, 9.8240



Tritanopia

187.0610, 16.3660, 11.7740

Trichromacy



Original Color

187.7390, 14.5770, 16.6650

Protanomaly

185.7370, -0.2770, 10.5310

Deuteranomaly

186.9830, 7.8380, 12.1420

Tritanomaly

187.2290, 15.9530, 13.7530

Monochromacy



Original Color

187.7390, 14.5770, 16.6650

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2120, 5.4550, 5.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.7390, 14.5770, 16.6650 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(212, 173, 200)` looks like.

```
.text, #text, p{  
    color:rgb(212, 173, 200)  
}
```

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(212, 173, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 173, 200) }
```

Border

The CSS property to change the border of an element to YIQ 187.7390, 14.5770, 16.6650 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(212, 173, 200) }
```


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

```
.border{ border-color:rgb(212, 173, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 173, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 173, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 173, 200);  
box-shadow:4px 4px 4px 4px rgb(212, 173,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 187.7390, 14.5770, 16.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 173, 200) }
```

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

```
.background{ background-color: rgb(212,  
173, 200) }
```

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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