

Converting Colors

YIQ(186.5380, 19.7570, 21.9090)

Have a look what the booklet for
YIQ(186.5380, 19.7570, 21.9090)
contains.

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Color

**YIQ(186.5380, 19.7570,
21.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA7CA
RGB	219, 167, 202
RGB Percent	86%, 65%, 79%
CMY	0.1410, 0.3452, 0.2078
CMYK	0.00, 0.24, 0.08, 0.14
HSL	320°, 42%, 76%
HSV	320°, 24%, 86%
XYZ	53.7015, 46.9602, 62.1191
YIQ	186.5380, 19.7570, 21.9090

Conversions

Conversions Part 2

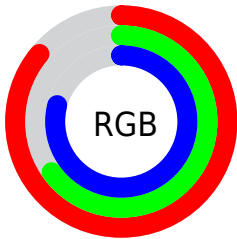
Format	Color
R _Y B	219, 167, 202
Decimal	14395338
CIE Lab	74.16, 24.71, -10.42
CIE LCh	74, 26.820, 337.135
Yxy	46.9602, 0.3299, 0.2885
Android (android.graphics.Color)	4292585418 (0xFFDBA7CA)
YUV	186.5380, 7.6228, 28.4692
Hunter-Lab	68.5275, 19.9583, -5.7762

Details

The YIQ color $186.5380, 19.7570, 21.9090$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $199.4620, -19.7570, -21.9090$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.6290, 9.0750, 17.2590$, and $133.1140, 18.0150, 20.4390$ is the 20% darker color. If you saturate the color by 10%, you get $172.8260, 28.0540, 31.2380$, and if you desaturate by 10%, it is $200.2500, 11.4600, 12.5800$.

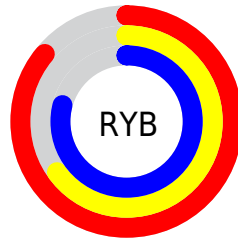
Distribution



Red (86%)

Green (65%)

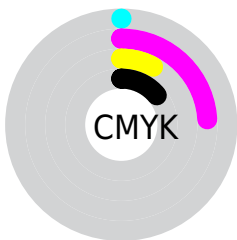
Blue (79%)



Red (86%)

Yellow (65%)

Blue (79%)

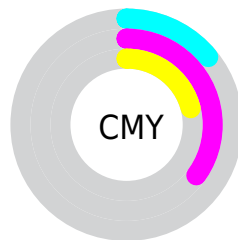


Cyan (0%)

Magenta (24%)

Yellow (8%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.5380, 19.7570, 21.9090 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 186.5380, 19.7570, 21.9090 by changing the saturation by 10% instead.

186.5380, 19.7570,
21.9090

186.5380, 19.7570,
21.9090

255.0000, -0.0000,
-0.0000

159.2390, 19.1610,
21.6970

235.6290, 9.0750,
17.2590

133.1140, 18.0150,
20.4390

252.6520, 1.1000,
2.0920

107.7010, 17.7400,
19.9160

82.9890, 16.8690,
19.1810

59.3910, 15.6770,
18.7570

36.0920, 15.0810,
18.5450

15.3800, 14.2100,

17.8100

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 186.5380, 19.7570,
21.9090

■ 186.5380, 19.7570,
21.9090

■ 172.8260, 28.0540,
31.2380

■ 200.2500, 11.4600,
12.5800

■ 159.1140, 36.3510,
40.5670

■ 213.9620, 3.1630,
3.2510

■ 145.4020, 44.6480,
49.8960

■ 227.7880, -5.4550,
-5.7670

■ 131.5760, 53.2660,
58.9140

■ 241.5000,
-13.7520, -15.0960

■ 117.8640, 61.5630,
68.2430

■ 242.2980,
-15.9990, -12.9190

■ 104.7390, 69.5850,
77.0490

■ 243.0960,
-18.2460, -10.7420

■ 91.0270, 77.8820,
86.3780

■ 243.8940,
-20.4930, -8.5650

■ 82.2390, 83.3370,
92.1450

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



185.4520, -3.4880, 19.1680



186.5380, 19.7570, 21.9090



185.8140, 36.3550, 18.4590

Triad

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



186.5380, 19.7570, 21.9090



180.5890, 22.6060, -13.2180



171.4090, -55.7960, -13.0440

Complementary

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



186.5380, 19.7570, 21.9090



199.4620, -19.7570, -21.9090

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.



171.1680, -45.1120, -19.4480



186.5380, 19.7570, 21.9090



177.7650, 1.3790, -19.4930

Square

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



186.5380, 19.7570, 21.9090



182.7530, 37.1840, -2.0800



174.4940, -22.7830, -22.1350



175.6800, -48.8290, -1.6370

Rectangle

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



186.5380, 19.7570, 21.9090



185.1640, 40.9410, 12.4370



174.4940, -22.7830, -22.1350



170.8990, -54.4200, -15.9560

Sweetspot

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



186.5380, 19.7570, 21.9090



243.7500, 6.8760, 7.5480



177.7120, -7.1560, 19.5640



121.0870, 4.3090, 4.5090



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.



186.5380, 19.7570, 21.9090



208.8260, 28.0540, 31.2380



183.6880, 27.7820, 14.1340



103.0870, 4.3090, 4.5090



65.0650, 65.5510, 73.0630



17.2880, 17.4650, 19.3930

Inverse Universe

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



186.5380, 19.7570, 21.9090



208.8260, 28.0540, 31.2380



202.3120, -27.7820, -14.1340



103.0870, 4.3090, 4.5090



65.0650, 65.5510, 73.0630



17.2880, 17.4650, 19.3930

Previews

White Background



This preview shows how the YIQ color 186.5380, 19.7570, 21.9090 looks on a white background.

Color Contrast Check

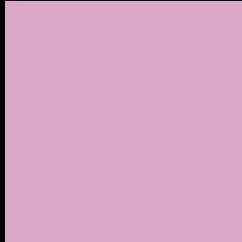
Large Text (above 18pt) WCAG AA × Fail

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 186.5380, 19.7570, 21.9090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

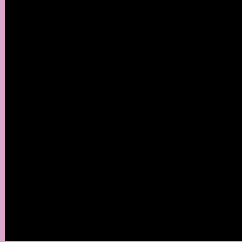
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.5380, 19.7570, 21.9090

Background



This preview shows how black text looks on a background with the YIQ color 186.5380, 19.7570, 21.9090.



This preview shows how white text looks on a background with the YIQ color 186.5380, 19.7570,

21.9090.

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

186.5380, 19.7570, 21.9090

Protanopia

183.2240, -12.0140, 8.4820

Deuteranopia

184.6940, 1.2820, 9.8100



Tritanopia

185.5350, 23.8390, 14.0070

Trichromacy



Original Color

186.5380, 19.7570, 21.9090

Protanomaly

184.4320, -0.7360, 13.3440

Deuteranomaly

185.4500, 8.0210, 14.3330

Tritanomaly

186.0450, 22.4630, 16.9190

Monochromacy



Original Color

186.5380, 19.7570, 21.9090

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.0490, 7.4720, 7.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.5380, 19.7570, 21.9090 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(219, 167, 202)` looks like.

```
.text, #text, p{  
    color:rgb(219, 167, 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(219, 167, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 167, 202) }
```

Border

The CSS property to change the border of an element to YIQ 186.5380, 19.7570, 21.9090 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(219, 167, 202) }
```


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

```
.border{ border-color:rgb(219, 167, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 167, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 167, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 167, 202);  
box-shadow:4px 4px 4px 4px rgb(219, 167,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 186.5380, 19.7570, 21.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 167, 202) }
```

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

```
.background{ background-color: rgb(219,  
167, 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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