

Converting Colors

YIQ(181.5120, 22.6460, 19.1100)

Have a look what the booklet for
YIQ(181.5120, 22.6460, 19.1100)
contains.

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Color

**YIQ(181.5120, 22.6460,
19.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A3BD
RGB	215, 163, 189
RGB Percent	84%, 64%, 74%
CMY	0.1567, 0.3608, 0.2587
CMYK	0.00, 0.24, 0.12, 0.16
HSL	330°, 39%, 74%
HSV	330°, 24%, 84%
XYZ	50.3154, 44.3140, 54.0558
YIQ	181.5120, 22.6460, 19.1100

Conversions

Conversions Part 2

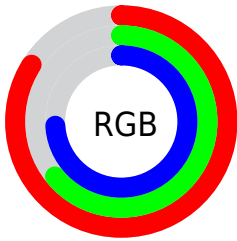
Format	Color
R _{YB}	215, 163, 189
Decimal	14132157
CIE Lab	72.44, 23.28, -5.89
CIE LCh	72, 24.009, 345.811
Yxy	44.3140, 0.3384, 0.2980
Android (android.graphics.Color)	4292322237 (0xFFD7A3BD)
YUV	181.5120, 3.6916, 29.3690
Hunter-Lab	66.5688, 18.4222, -1.5471

Details

The YIQ color **181.5120, 22.6460, 19.1100** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **196.4880, -22.6460, -19.1100**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1410, 13.3850, 16.2410**, and **128.5010, 21.1790, 18.1630** is the 20% darker color. If you saturate the color by 10%, you get **167.3440, 32.2270, 27.1950**, and if you desaturate by 10%, it is **195.0930, 13.3400, 11.5480**.

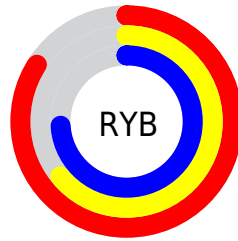
Distribution



Red (84%)

Green (64%)

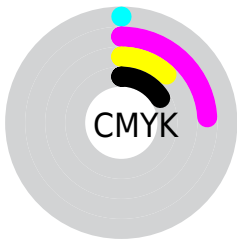
Blue (74%)



Red (84%)

Yellow (64%)

Blue (74%)

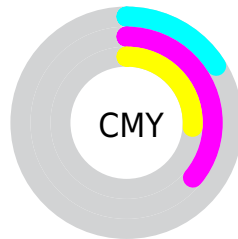


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.5120, 22.6460, 19.1100 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 181.5120, 22.6460, 19.1100 by changing the saturation by 10% instead.


 181.5120, 22.6460,
19.1100

 181.5120, 22.6460,
19.1100


255.0000, -0.0000,
-0.0000


 154.2130, 22.0500,
18.8980


 232.1410, 13.3850,
16.2410


 128.5010, 21.1790,
18.1630

 250.3040, 2.2000,
4.1840

 102.7890, 20.3080,
17.4280

 78.1910, 19.1160,
17.0040

 54.5930, 17.9240,
16.5800

 31.9950, 16.7320,
16.1560

 13.7560, 15.9070,

14.5870

■ 0.0000, 0.0000,
0.0000

■ 181.5120, 22.6460,
19.1100

■ 181.5120, 22.6460,
19.1100

■ 167.3440, 32.2270,
27.1950

■ 195.0930, 13.3400,
11.5480

■ 153.8770, 41.2120,
35.0680

■ 209.2610, 3.7590,
3.4630

■ 139.7090, 50.7930,
43.1530

■ 222.7280, -5.2260,
-4.4100

■ 126.1280, 60.0990,
50.7150

■ 236.8960,
-14.8070, -12.4950

■ 111.9600, 69.6800,
58.8000

■ 241.6720,
-19.9880, -12.2120

■ 98.4930, 78.6650,
66.6730

■ 242.9260,
-23.5190, -8.7910

■ 84.3250, 88.2460,
74.7580

■ 243.0400,
-23.8400, -8.4800

■ 76.5970, 93.4720,
79.1680

Harmonies

Analogous

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



180.6330, 3.2520, 18.1640



181.5120, 22.6460, 19.1100



180.8090, 34.7510, 14.4870

Triad

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



181.5120, 22.6460, 19.1100



175.4680, 15.6370, -13.5710



169.3500, -48.1400, -8.6200

Complementary

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



181.5120, 22.6460, 19.1100



196.4880, -22.6460, -19.1100

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.



168.0590, -43.1870, -15.7870



181.5120, 22.6460, 19.1100



172.8830, -4.7650, -18.2770

Square

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



181.5120, 22.6460, 19.1100



178.0510, 30.3530, -4.9350



169.6340, -25.9930, -19.0250



173.7630, -38.6970, 1.9670

Rectangle

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



181.5120, 22.6460, 19.1100



179.7890, 37.5030, 8.6630



169.6340, -25.9930, -19.0250



168.4700, -48.5980, -11.3340

Sweetspot

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



181.5120, 22.6460, 19.1100



243.4080, 7.8390, 6.6150



176.4030, -1.7920, 21.4720



120.8590, 4.9510, 3.8870



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.



181.5120, 22.6460, 19.1100



207.3440, 32.2270, 27.1950



178.6620, 30.6710, 11.3350



99.9730, 4.6300, 4.1980



60.8190, 74.6310, 62.6870



15.3650, 18.5660, 15.9580

Inverse Universe

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



181.5120, 22.6460, 19.1100



207.3440, 32.2270, 27.1950



199.3380, -30.6710, -11.3350



99.9730, 4.6300, 4.1980



60.8190, 74.6310, 62.6870



15.3650, 18.5660, 15.9580

Previews

White Background



This preview shows how the YIQ color 181.5120, 22.6460, 19.1100 looks on a white background.

Color Contrast Check

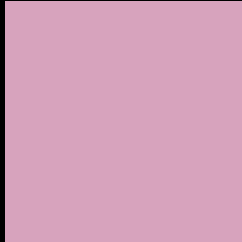
Large Text (above 18pt) WCAG AA × Fail

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 181.5120, 22.6460, 19.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

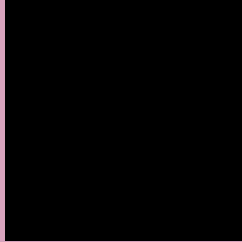
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.5120, 22.6460, 19.1100

Background



This preview shows how black text looks on a background with the YIQ color 181.5120, 22.6460, 19.1100.



This preview shows how white text looks on a background with the YIQ color 181.5120, 22.6460,

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

181.5120, 22.6460, 19.1100

Protanopia

178.7960, -7.9330, 6.1070

Deuteranopia

179.9780, 6.2340, 8.1700



Tritanopia

181.1330, 25.0310, 14.4310

Trichromacy



Original Color

181.5120, 22.6460, 19.1100

Protanomaly

180.0040, 3.3450, 10.9690

Deuteranomaly

180.4350, 12.3770, 12.4810

Tritanomaly

181.0020, 24.0220, 16.1980

Monochromacy



Original Color

181.5120, 22.6460, 19.1100

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.8210, 8.1140, 7.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.5120, 22.6460, 19.1100 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(215, 163, 189)` looks like.

```
.text, #text, p{  
    color:rgb(215, 163, 189)  
}
```

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(215, 163, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 163, 189) }
```

Border

The CSS property to change the border of an element to YIQ 181.5120, 22.6460, 19.1100 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(215, 163, 189) }
```


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

```
.border{ border-color:rgb(215, 163, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 163, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 163, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 163, 189);  
box-shadow:4px 4px 4px 4px rgb(215, 163,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 181.5120, 22.6460, 19.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 163, 189) }
```

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

```
.background{ background-color: rgb(215,  
163, 189) }
```

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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