

Converting Colors

YIQ(191.4840, 19.8490, 20.2410)

Have a look what the booklet for
YIQ(191.4840, 19.8490, 20.2410)
contains.

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Color

**YIQ(191.4840, 19.8490,
20.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	DFADCC
RGB	223, 173, 204
RGB Percent	87%, 68%, 80%
CMY	0.1253, 0.3216, 0.1999
CMYK	0.00, 0.22, 0.09, 0.13
HSL	323°, 44%, 78%
HSV	323°, 22%, 87%
XYZ	56.2826, 49.9330, 63.8071
YIQ	191.4840, 19.8490, 20.2410

Conversions

Conversions Part 2

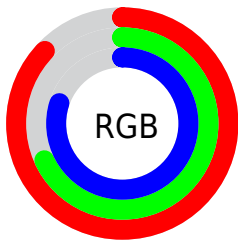
Format	Color
R _{YB}	223, 173, 204
Decimal	14659020
CIE Lab	76.03, 23.20, -8.70
CIE LCh	76, 24.774, 339.449
Yxy	49.9330, 0.3310, 0.2937
Android (android.graphics.Color)	4292849100 (0xFFDFADCC)
YUV	191.4840, 6.1704, 27.6395
Hunter-Lab	70.6633, 18.5127, -4.0731

Details

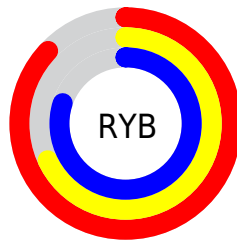
The YIQ color **191.4840, 19.8490, 20.2410** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **204.5160, -19.8490, -20.2410**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.7380, 7.1500, 13.5980**, and **137.4730, 18.3820, 19.2940** is the 20% darker color. If you saturate the color by 10%, you get **177.6580, 28.4670, 29.2590**, and if you desaturate by 10%, it is **205.3100, 11.2310, 11.2230**.

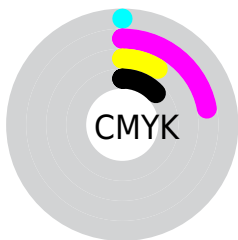
Distribution



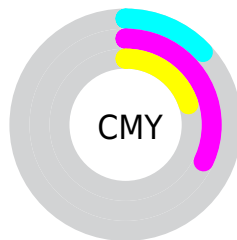
- Red (87%)
- Green (68%)
- Blue (80%)



- Red (87%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.4840, 19.8490, 20.2410 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 191.4840, 19.8490, 20.2410 by changing the saturation by 10% instead.

191.4840, 19.8490,
20.2410

191.4840, 19.8490,
20.2410

255.0000, -0.0000,
-0.0000

164.1850, 19.2530,
20.0290

239.7380, 7.1500,
13.5980

137.4730, 18.3820,
19.2940

112.0600, 18.1070,
18.7710

87.3480, 17.2360,
18.0360

63.3370, 15.7690,
17.0890

40.7390, 14.5770,
16.6650

17.8530, 14.2560,

16.9760

■ 4.4570, 6.1430,
4.3110

■ 0.0000, 0.0000,
0.0000

■ 191.4840, 19.8490,
20.2410

■ 191.4840, 19.8490,
20.2410

■ 177.6580, 28.4670,
29.2590

■ 205.3100, 11.2310,
11.2230

■ 163.1310, 37.6810,
38.4890

■ 219.8370, 2.0170,
1.9930

■ 149.3050, 46.2990,
47.5070

■ 233.6630, -6.6010,
-7.0250

■ 135.3650, 55.2380,
56.2140

■ 243.4940,
-13.6150, -12.0710

■ 120.9520, 64.1310,
65.7550

■ 244.4060,
-16.1830, -9.5830

■ 107.0120, 73.0700,
74.4620

■ 245.4320,
-19.0720, -6.7840

■ 93.1860, 81.6880,
83.4800

■ 82.4090, 88.6100,
90.1940

Harmonies

Analogous

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



190.2950, -1.6080, 18.1360



191.4840, 19.8490, 20.2410



190.9770, 34.3380, 16.4660

Triad

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



191.4840, 19.8490, 20.2410



185.4470, 20.1300, -12.3980



178.2140, -50.7530, -10.8250

Complementary

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



191.4840, 19.8490, 20.2410



204.5160, -19.8490, -20.2410

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.



178.0760, -41.8570, -17.8650



191.4840, 19.8490, 20.2410



183.2210, 0.0950, -18.2490

Square

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



191.4840, 19.8490, 20.2410



188.2580, 34.2040, -3.1400



179.9610, -22.6000, -19.9440



181.9580, -43.7400, -0.2520

Rectangle

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



191.4840, 19.8490, 20.2410



190.4410, 38.6030, 10.7550



179.9610, -22.6000, -19.9440



177.7040, -49.3770, -13.7370

Sweetspot

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



191.4840, 19.8490, 20.2410



243.6360, 7.1970, 7.2370



184.0820, -5.3220, 19.3660



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.



191.4840, 19.8490, 20.2410



211.5330, 27.3210, 28.0010



188.7480, 27.5530, 12.7770



105.0870, 4.3090, 4.5090



65.0500, 69.9070, 71.2110



17.7720, 18.9780, 19.5060

Inverse Universe

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



191.4840, 19.8490, 20.2410



211.5330, 27.3210, 28.0010



207.2520, -27.5530, -12.7770



105.0870, 4.3090, 4.5090



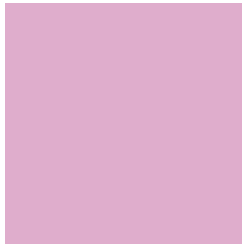
65.0500, 69.9070, 71.2110



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 191.4840, 19.8490, 20.2410 looks on a white background.

Color Contrast Check

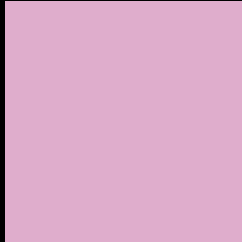
Large Text (above 18pt) WCAG AA × Fail

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 191.4840, 19.8490, 20.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

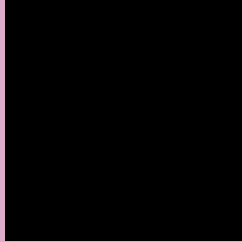
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.4840, 19.8490, 20.2410

Background



This preview shows how black text looks on a background with the YIQ color 191.4840, 19.8490, 20.2410.



This preview shows how white text looks on a background with the YIQ color 191.4840, 19.8490,

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

191.4840, 19.8490, 20.2410

Protanopia

188.3660, -9.5380, 7.6620

Deuteranopia

189.3630, 3.7120, 9.8240



Tritanopia

190.9370, 22.6470, 13.5830

Trichromacy



Original Color

191.4840, 19.8490, 20.2410

Protanomaly

189.2750, 1.1440, 12.3120

Deuteranomaly

190.4070, 9.5800, 13.6120

Tritanomaly

191.2190, 21.9130, 15.8730

Monochromacy



Original Color

191.4840, 19.8490, 20.2410

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.0490, 7.4720, 7.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.4840, 19.8490, 20.2410 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(223, 173, 204)` looks like.

```
.text, #text, p{  
    color:rgb(223, 173, 204)  
}
```

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(223, 173, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 173, 204) }
```

Border

The CSS property to change the border of an element to YIQ 191.4840, 19.8490, 20.2410 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(223, 173, 204) }
```


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

```
.border{ border-color:rgb(223, 173, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 173, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 173, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 173, 204);  
box-shadow:4px 4px 4px 4px rgb(223, 173,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 191.4840, 19.8490, 20.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 173, 204) }
```

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

```
.background{ background-color: rgb(223,  
173, 204) }
```

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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