

Converting Colors

YIQ(199.1850, 19.2530, 20.0290)

Have a look what the booklet for
YIQ(199.1850, 19.2530, 20.0290)
contains.

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Color

**YIQ(199.1850, 19.2530,
20.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B5D4
RGB	230, 181, 212
RGB Percent	90%, 71%, 83%
CMY	0.0979, 0.2903, 0.1686
CMYK	0.00, 0.21, 0.08, 0.10
HSL	322°, 50%, 81%
HSV	322°, 21%, 90%
XYZ	61.0493, 54.6223, 69.6217
YIQ	199.1850, 19.2530, 20.0290

Conversions

Conversions Part 2

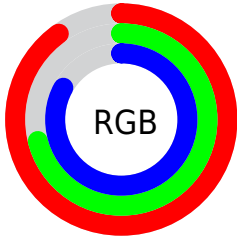
Format	Color
R _Y B	230, 181, 212
Decimal	15119828
CIE Lab	78.82, 22.68, -8.81
CIE LCh	79, 24.336, 338.765
Yxy	54.6223, 0.3295, 0.2948
Android (android.graphics.Color)	4293309908 (0xFFE6B5D4)
YUV	199.1850, 6.3178, 27.0248
Hunter-Lab	73.9069, 18.1093, -4.1175

Details

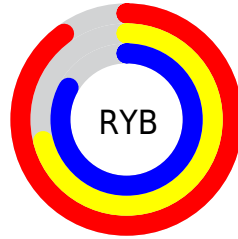
The YIQ color **199.1850, 19.2530, 20.0290** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **211.8150, -19.2530, -20.0290**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.4340, 4.9500, 9.4140**, and **145.0600, 18.1070, 18.7710** is the 20% darker color. If you saturate the color by 10%, you get **184.7720, 28.1460, 29.5700**, and if you desaturate by 10%, it is **213.5980, 10.3600, 10.4880**.

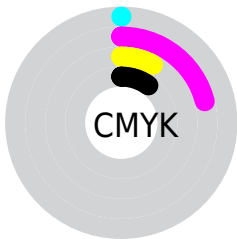
Distribution



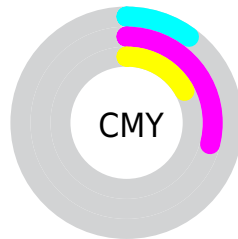
- Red (90%)
- Green (71%)
- Blue (83%)



- Red (90%)
- Yellow (71%)
- Blue (83%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (10%)





- Cyan (10%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.1850, 19.2530, 20.0290 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 199.1850, 19.2530, 20.0290 by changing the saturation by 10% instead.


 199.1850, 19.2530,
20.0290


 199.1850, 19.2530,
20.0290


255.0000, -0.0000,
-0.0000


 171.7720, 18.9780,
19.5060


 244.4340, 4.9500,
9.4140

 145.0600, 18.1070,
18.7710

 118.7610, 17.5110,
18.5590

 94.0490, 16.6400,
17.8240

 70.3370, 15.7690,
17.0890

 46.7390, 14.5770,
16.6650

 24.4400, 13.9810,

16.4530

■ 10.1960, 11.5520,
10.9120

■ 0.0000, 0.0000,
0.0000

■ 199.1850, 19.2530,
20.0290

■ 199.1850, 19.2530,
20.0290

■ 184.7720, 28.1460,
29.5700

■ 213.5980, 10.3600,
10.4880

■ 170.2450, 37.3600,
38.8000

■ 228.1250, 1.1460,
1.2580

■ 155.8320, 46.2530,
48.3410

■ 242.5380, -7.7470,
-8.2830

■ 141.3050, 55.4670,
57.5710

■ 246.4990,
-12.0110, -8.0990

■ 126.8920, 64.3600,
67.1120

■ 247.4110,
-14.5790, -5.6110

■ 112.3650, 73.5740,
76.3420

■ 247.5250,
-14.9000, -5.3000

■ 97.9520, 82.4670,
85.8830

■ 85.4140, 90.2140,
94.1660

Harmonies

Analogous

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



197.8820, -1.8830, 17.6130



199.1850, 19.2530, 20.0290



198.6780, 33.7420, 16.2540

Triad

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



199.1850, 19.2530, 20.0290



193.4470, 20.1300, -12.3980



186.3990, -49.8360, -10.9240

Complementary

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



199.1850, 19.2530, 20.0290



211.8150, -19.2530, -20.0290

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.



185.6740, -40.6650, -17.4410



199.1850, 19.2530, 20.0290



190.5200, 0.6910, -18.0370

Square

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



199.1850, 19.2530, 20.0290



195.7850, 34.1580, -2.3060



188.1460, -21.6830, -20.0430



190.1430, -42.8230, -0.3510

Rectangle

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



199.1850, 19.2530, 20.0290



197.5550, 38.2820, 11.0660



188.1460, -21.6830, -20.0430



185.3020, -48.1850, -13.3130

Sweetspot

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



199.1850, 19.2530, 20.0290



245.5110, 6.0510, 5.9790



191.9680, -5.0010, 19.0550



122.2610, 3.7590, 3.4630



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.



199.1850, 19.2530, 20.0290



213.5220, 25.8540, 27.0540



196.4490, 26.9570, 12.5650



107.5000, 4.5840, 5.0320



66.4030, 70.4110, 73.0910



18.8970, 20.1240, 20.7640

Inverse Universe

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



199.1850, 19.2530, 20.0290



213.5220, 25.8540, 27.0540



214.5510, -26.9570, -12.5650



107.5000, 4.5840, 5.0320



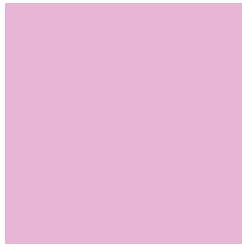
66.4030, 70.4110, 73.0910



18.8970, 20.1240, 20.7640

Previews

White Background



This preview shows how the YIQ color 199.1850, 19.2530, 20.0290 looks on a white background.

Color Contrast Check

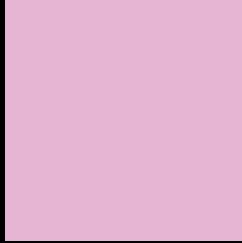
Large Text (above 18pt) WCAG AA × Fail

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 199.1850, 19.2530, 20.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

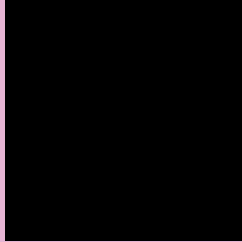
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.1850, 19.2530, 20.0290

Background



This preview shows how black text looks on a background with the YIQ color 199.1850, 19.2530, 20.0290.



This preview shows how white text looks on a background with the YIQ color 199.1850, 19.2530,

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

199.1850, 19.2530, 20.0290

Protanopia

196.0670, -10.1340, 7.4500

Deuteranopia

197.6620, 4.3080, 10.0360



Tritanopia

198.1650, 22.0050, 14.2050

Trichromacy



Original Color

199.1850, 19.2530, 20.0290

Protanomaly

196.9760, 0.5480, 12.1000

Deuteranomaly

198.4070, 9.5800, 13.6120

Tritanomaly

198.4470, 21.2710, 16.4950

Monochromacy



Original Color

199.1850, 19.2530, 20.0290

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.7500, 6.8760, 7.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.1850, 19.2530, 20.0290 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(230, 181, 212)` looks like.

```
.text, #text, p{  
    color:rgb(230, 181, 212)  
}
```

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(230, 181, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 181, 212) }
```

Border

The CSS property to change the border of an element to YIQ 199.1850, 19.2530, 20.0290 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(230, 181, 212) }
```


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

```
.border{ border-color:rgb(230, 181, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 181, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 181, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 181, 212);  
box-shadow:4px 4px 4px 4px rgb(230, 181,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 199.1850, 19.2530, 20.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 181, 212) }
```

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

```
.background{ background-color: rgb(230,  
181, 212) }
```

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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