

Converting Colors

YIQ(197.6580, 19.2990, 19.1950)

Have a look what the booklet for
YIQ(197.6580, 19.2990, 19.1950)
contains.

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Color

**YIQ(197.6580, 19.2990,
19.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B4D1
RGB	228, 180, 209
RGB Percent	89%, 71%, 82%
CMY	0.1057, 0.2942, 0.1803
CMYK	0.00, 0.21, 0.08, 0.11
HSL	324°, 47%, 80%
HSV	324°, 21%, 89%
XYZ	59.8331, 53.7380, 67.5495
YIQ	197.6580, 19.2990, 19.1950

Conversions

Conversions Part 2

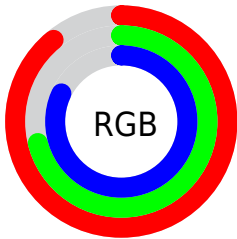
Format	Color
R _Y B	228, 180, 209
Decimal	14988497
CIE Lab	78.31, 22.02, -7.97
CIE LCh	78, 23.417, 340.090
Yxy	53.7380, 0.3303, 0.2967
Android (android.graphics.Color)	4293178577 (0xFFE4B4D1)
YUV	197.6580, 5.5916, 26.6099
Hunter-Lab	73.3062, 17.4073, -3.3196

Details

The YIQ color $197.6580, 19.2990, 19.1950$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $210.3420, -19.2990, -19.1950$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8470, 5.2250, 9.9370$, and $143.6470, 17.8320, 18.2480$ is the 20% darker color. If you saturate the color by 10%, you get $183.1310, 28.5130, 28.4250$, and if you desaturate by 10%, it is $212.1850, 10.0850, 9.9650$.

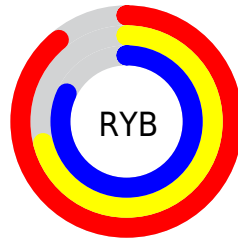
Distribution



Red (89%)

Green (71%)

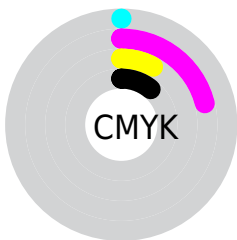
Blue (82%)



Red (89%)

Yellow (71%)

Blue (82%)

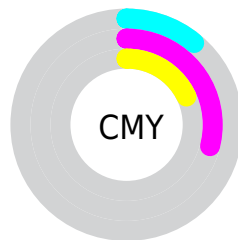


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (11%)



Cyan (11%)

Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.6580, 19.2990, 19.1950 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 197.6580, 19.2990, 19.1950 by changing the saturation by 10% instead.

197.6580, 19.2990,
19.1950

197.6580, 19.2990,
19.1950

255.0000, -0.0000,
-0.0000

170.2450, 19.0240,
18.6720

243.8470, 5.2250,
9.9370

143.6470, 17.8320,
18.2480

117.9350, 16.9610,
17.5130

92.6360, 16.3650,
17.3010

68.8100, 15.8150,
16.2550

46.2120, 14.6230,
15.8310

23.6140, 13.4310,

15.4070

■ 8.9570, 10.7270,
9.3430

■ 0.0000, 0.0000,
0.0000

■ 197.6580, 19.2990,
19.1950

■ 197.6580, 19.2990,
19.1950

■ 183.1310, 28.5130,
28.4250

■ 212.1850, 10.0850,
9.9650

■ 168.6040, 37.7270,
37.6550

■ 226.7120, 0.8710,
0.7350

■ 154.6640, 46.6660,
46.3620

■ 240.6520, -8.0680,
-7.9720

■ 140.1370, 55.8800,
55.5920

■ 245.7870,
-12.8820, -8.8340

■ 125.6100, 65.0940,
64.8220

■ 246.8130,
-15.7710, -6.0350

■ 111.0830, 74.3080,
74.0520

■ 246.9270,
-16.0920, -5.7240

■ 96.5560, 83.5220,
83.2820

■ 83.9040, 91.5900,
91.2540

Harmonies

Analogous

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



196.9530, -0.6450, 17.2030



197.6580, 19.2990, 19.1950



196.9660, 32.8710, 15.5190

Triad

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



197.6580, 19.2990, 19.1950



192.3760, 18.8920, -11.9880



185.5950, -47.4520, -10.0760

Complementary

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



197.6580, 19.2990, 19.1950



210.3420, -19.2990, -19.1950

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.



184.6850, -39.1980, -16.4940



197.6580, 19.2990, 19.1950



189.4490, -0.5470, -17.6270

Square

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



197.6580, 19.2990, 19.1950



193.8880, 32.3700, -2.9420



186.6730, -21.7290, -19.2090



188.9260, -40.7140, -0.0260

Rectangle

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



197.6580, 19.2990, 19.1950



196.5440, 36.8150, 10.1190



186.6730, -21.7290, -19.2090



184.6120, -46.1220, -12.1540

Sweetspot

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



197.6580, 19.2990, 19.1950



245.5110, 6.0510, 5.9790



190.8540, -4.6800, 18.7440



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.



197.6580, 19.2990, 19.1950



214.5820, 25.6250, 25.6970



195.0360, 26.6820, 12.0420



107.3860, 4.9050, 4.7210



65.8330, 72.0160, 71.5360



18.7830, 20.4450, 20.4530

Inverse Universe

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



197.6580, 19.2990, 19.1950



214.5820, 25.6250, 25.6970



212.9640, -26.6820, -12.0420



107.3860, 4.9050, 4.7210



65.8330, 72.0160, 71.5360



18.7830, 20.4450, 20.4530

Previews

White Background



This preview shows how the YIQ color 197.6580, 19.2990, 19.1950 looks on a white background.

Color Contrast Check

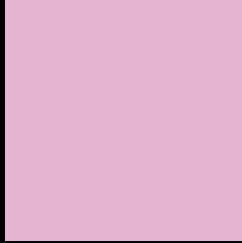
Large Text (above 18pt) WCAG AA × Fail

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 197.6580, 19.2990, 19.1950 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 197.6580, 19.2990, 19.1950

Background



This preview shows how black text looks on a background with the YIQ color 197.6580, 19.2990, 19.1950.



This preview shows how white text looks on a background with the YIQ color 197.6580, 19.2990,

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

197.6580, 19.2990, 19.1950

Protanopia

195.1380, -8.8960, 7.0400

Deuteranopia

195.8470, 5.2250, 9.9370



Tritanopia

196.7520, 21.7300, 13.6820

Trichromacy



Original Color

197.6580, 19.2990, 19.1950

Protanomaly

195.7480, 1.1900, 11.4780

Deuteranomaly

196.5920, 10.4970, 13.5130

Tritanomaly

197.0340, 20.9960, 15.9720

Monochromacy



Original Color

197.6580, 19.2990, 19.1950

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.6360, 7.1970, 7.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.6580, 19.2990, 19.1950 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(228, 180, 209)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 209)  
}
```

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(228, 180, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 209) }
```

Border

The CSS property to change the border of an element to YIQ 197.6580, 19.2990, 19.1950 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(228, 180, 209) }
```


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

```
.border{ border-color:rgb(228, 180, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 209);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 197.6580, 19.2990, 19.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 209) }
```

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

```
.background{ background-color: rgb(228,  
180, 209) }
```

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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