

Converting Colors

YIQ(200.7180, 19.0700, 17.8380)

Have a look what the booklet for
YIQ(200.7180, 19.0700, 17.8380)
contains.

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Color

**YIQ(200.7180, 19.0700,
17.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B8D2
RGB	230, 184, 210
RGB Percent	90%, 72%, 82%
CMY	0.0979, 0.2785, 0.1764
CMYK	0.00, 0.20, 0.09, 0.10
HSL	326°, 48%, 81%
HSV	326°, 20%, 90%
XYZ	61.4145, 55.7551, 68.5069
YIQ	200.7180, 19.0700, 17.8380

Conversions

Conversions Part 2

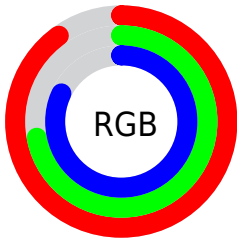
Format	Color
R _Y B	230, 184, 210
Decimal	15120594
CIE Lab	79.47, 20.74, -6.77
CIE LCh	79, 21.812, 341.926
Yxy	55.7551, 0.3308, 0.3003
Android (android.graphics.Color)	4293310674 (0xFFE6B8D2)
YUV	200.7180, 4.5760, 25.6803
Hunter-Lab	74.6694, 16.1424, -2.1283

Details

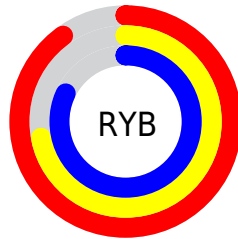
The YIQ color **200.7180, 19.0700, 17.8380** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **213.2820, -19.0700, -17.8380**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.1950, 4.1250, 7.8450**, and **146.7070, 17.6030, 16.8910** is the 20% darker color. If you saturate the color by 10%, you get **186.0770, 28.6050, 26.7570**, and if you desaturate by 10%, it is **215.3590, 9.5350, 8.9190**.

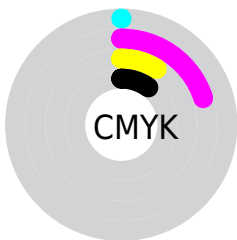
Distribution



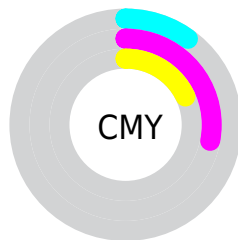
- Red (90%)
- Green (72%)
- Blue (82%)



- Red (90%)
- Yellow (72%)
- Blue (82%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (10%)





- Cyan (10%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.7180, 19.0700, 17.8380 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 200.7180, 19.0700, 17.8380 by changing the saturation by 10% instead.


 200.7180, 19.0700,
17.8380


 200.7180, 19.0700,
17.8380


255.0000, -0.0000,
-0.0000


 173.3050, 18.7950,
17.3150


 246.1950, 4.1250,
7.8450

 146.7070, 17.6030,
16.8910

 120.4080, 17.0070,
16.6790

 95.5820, 16.4570,
15.6330

 71.2830, 15.8610,
15.4210

 48.2720, 14.3940,
14.4740

 26.6740, 13.2020,

14.0500

■ 10.3810, 12.4690,
10.8130

■ 0.0000, 0.0000,
0.0000

■ 200.7180, 19.0700,
17.8380

■ 200.7180, 19.0700,
17.8380

■ 186.0770, 28.6050,
26.7570

■ 215.3590, 9.5350,
8.9190

■ 171.4360, 38.1400,
35.6760

■ 230.0000, -0.0000,
0.0000

■ 156.7950, 47.6750,
44.5950

■ 244.6410, -9.5350,
-8.9190

■ 142.1540, 57.2100,
53.5140

■ 246.9550,
-13.2950, -6.8550

■ 127.5130, 66.7450,
62.4330

■ 247.5250,
-14.9000, -5.3000

■ 112.8720, 76.2800,
71.3520

■ 98.2310, 85.8150,
80.2710

■ 83.5900, 95.3500,
89.1900

Harmonies

Analogous

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



199.6110, 0.3180, 16.2700



200.7180, 19.0700, 17.8380



200.4280, 31.4500, 13.7380

Triad

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



200.7180, 19.0700, 17.8380



195.1200, 16.7370, -11.4790



189.6880, -43.2800, -8.5920

Complementary

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



200.7180, 19.0700, 17.8380



213.2820, -19.0700, -17.8380

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.



189.1090, -37.4560, -15.0240



200.7180, 19.0700, 17.8380



192.7910, -1.5100, -16.6940

Square

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



200.7180, 19.0700, 17.8380



197.2190, 29.9400, -2.9560



190.6130, -21.5000, -17.8520



192.9050, -36.2210, 1.1470

Rectangle

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



200.7180, 19.0700, 17.8380



199.5330, 35.3480, 9.1720



190.6130, -21.5000, -17.8520



189.1070, -43.1420, -11.0940

Sweetspot

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



200.7180, 19.0700, 17.8380



245.3970, 6.3720, 5.6680



195.2240, -2.8460, 18.5460



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.



200.7180, 19.0700, 17.8380



216.1150, 25.4420, 23.5060



198.0960, 26.4530, 10.6850



107.3860, 4.9050, 4.7210



65.0350, 74.2630, 69.3590



18.5550, 21.0870, 19.8310

Inverse Universe

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



200.7180, 19.0700, 17.8380



216.1150, 25.4420, 23.5060



215.9040, -26.4530, -10.6850



107.3860, 4.9050, 4.7210



65.0350, 74.2630, 69.3590



18.5550, 21.0870, 19.8310

Previews

White Background



This preview shows how the YIQ color 200.7180, 19.0700, 17.8380 looks on a white background.

Color Contrast Check

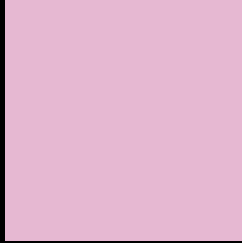
Large Text (above 18pt) WCAG AA × Fail

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 200.7180, 19.0700, 17.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

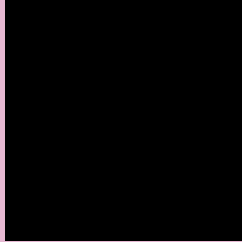
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.7180, 19.0700, 17.8380

Background



This preview shows how black text looks on a background with the YIQ color 200.7180, 19.0700, 17.8380.



This preview shows how white text looks on a background with the YIQ color 200.7180, 19.0700,

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

200.7180, 19.0700, 17.8380

Protanopia

198.0950, -7.3370, 6.3190

Deuteranopia

199.0320, 6.1420, 9.8380



Tritanopia

200.4530, 21.1340, 13.4700

Trichromacy



Original Color

200.7180, 19.0700, 17.8380

Protanomaly

199.2920, 2.4740, 10.2340

Deuteranomaly

199.3640, 11.1390, 12.8910

Tritanomaly

200.3220, 20.1250, 15.2370

Monochromacy



Original Color

200.7180, 19.0700, 17.8380

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.1090, 7.2430, 6.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.7180, 19.0700, 17.8380 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, 184, 210)` looks like.

```
.text, #text, p{  
    color:rgb(230, 184, 210)  
}
```

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, 184, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 184, 210) }
```

Border

The CSS property to change the border of an element to YIQ 200.7180, 19.0700, 17.8380 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, 184, 210) }
```


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

```
.border{ border-color:rgb(230, 184, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 184, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 184, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 184, 210);  
box-shadow:4px 4px 4px 4px rgb(230, 184,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 200.7180, 19.0700, 17.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 184, 210) }
```

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

```
.background{ background-color: rgb(230,  
184, 210) }
```

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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