

Converting Colors

YIQ(200.9280, 9.6710, 17.4710)

Have a look what the booklet for
YIQ(200.9280, 9.6710, 17.4710)
contains.

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Color

**YIQ(200.9280, 9.6710,
17.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBBDC
RGB	221, 187, 220
RGB Percent	87%, 73%, 86%
CMY	0.1332, 0.2667, 0.1372
CMYK	0.00, 0.15, 0.00, 0.13
HSL	302°, 33%, 80%
HSV	302°, 15%, 87%
XYZ	60.5127, 56.0783, 75.3473
YIQ	200.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

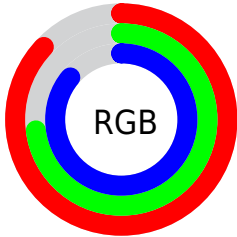
Format	Color
R _Y B	221, 187, 220
Decimal	14531548
CIE Lab	79.66, 17.82, -11.97
CIE LCh	80, 21.465, 326.095
Yxy	56.0783, 0.3153, 0.2922
Android (android.graphics.Color)	4292721628 (0xFFDDBBDC)
YUV	200.9280, 9.4025, 17.6031
Hunter-Lab	74.8855, 13.1909, -7.2358

Details

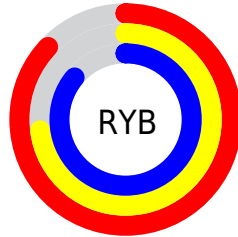
The YIQ color $200.9280, 9.6710, 17.4710$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $207.0720, -9.6710, -17.4710$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9560, 3.3000, 6.2760$, and $147.1020, 9.1210, 16.4250$ is the 20% darker color. If you saturate the color by 10%, you get $187.9000, 16.0420, 28.6660$, and if you desaturate by 10%, it is $213.9560, 3.3000, 6.2760$.

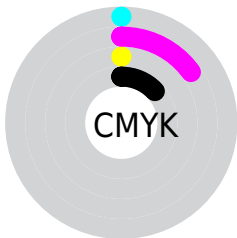
Distribution



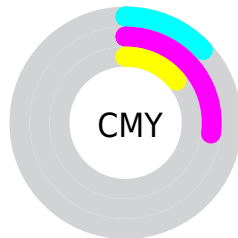
- Red (87%)
- Green (73%)
- Blue (86%)



- Red (87%)
- Yellow (73%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.9280, 9.6710, 17.4710 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 200.9280, 9.6710, 17.4710 by changing the saturation by 10% instead.


 200.9280, 9.6710,
17.4710

 200.9280, 9.6710,
17.4710

255.0000, -0.0000,
-0.0000

 173.5150, 9.3960,
16.9480


 247.9560, 3.3000,
6.2760

 147.1020, 9.1210,
16.4250

 120.8030, 8.5250,
16.2130

 95.9770, 7.9750,
15.1670

 71.9770, 7.9750,
15.1670

 49.1510, 7.4250,
14.1210

 27.4390, 6.5540,

13.3860

■ 9.7980, 6.9210,
12.2410

■ 0.0000, 0.0000,
0.0000

■ 200.9280, 9.6710,
17.4710

■ 200.9280, 9.6710,
17.4710

■ 187.9000, 16.0420,
28.6660

■ 213.9560, 3.3000,
6.2760

■ 174.9860, 22.0920,
40.1720

■ 226.8700, -2.7500,
-5.2300

■ 161.9580, 28.4630,
51.3670

■ 239.8980, -9.1210,
-16.4250

■ 148.9300, 34.8340,
62.5620

■ 241.1860, -9.9920,
-17.1600

■ 135.4290, 41.1590,
74.5910

■ 241.3000,
-10.3130, -16.8490

■ 122.4010, 47.5300,
85.7860

■ 241.4140,
-10.6340, -16.5380

■ 109.3730, 53.9010,
96.9810

■ 241.5280,
-10.9550, -16.2270

■ 96.4590, 59.9510,
108.4870

■ 90.4750, 63.0220,
113.4060

Harmonies

Analogous

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



199.0550, -9.8600, 13.5000



200.9280, 9.6710, 17.4710



201.4860, 25.5350, 16.3110

Triad

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



200.9280, 9.6710, 17.4710



196.7620, 23.7970, -7.2670



189.8360, -40.9410, -12.4370

Complementary

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



200.9280, 9.6710, 17.4710



207.0720, -9.6710, -17.4710

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.



190.2470, -29.1570, -16.7490



200.9280, 9.6710, 17.4710



194.9340, 8.3930, -14.4470

Square

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



200.9280, 9.6710, 17.4710



199.1210, 33.3320, 1.6520



192.0010, -10.9090, -17.0610



191.4050, -40.8050, -3.8850

Rectangle

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



200.9280, 9.6710, 17.4710



200.7870, 31.8170, 12.5930



192.0010, -10.9090, -17.0610



189.4510, -38.4190, -14.0910

Sweetspot

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



200.9280, 9.6710, 17.4710



247.3690, 3.5750, 6.7990



191.1750, -10.3180, 10.7860



123.1900, 2.5210, 3.8730



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.



200.9280, 9.6710, 17.4710



227.8840, 12.9710, 23.7470



198.9900, 15.1280, 12.1840



103.4290, 3.3460, 5.4420



70.8790, 49.1800, 88.9240



18.8840, 12.9710, 23.7470

Inverse Universe

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



200.9280, 9.6710, 17.4710



227.8840, 12.9710, 23.7470



209.0100, -15.1280, -12.1840



103.4290, 3.3460, 5.4420



70.8790, 49.1800, 88.9240



18.8840, 12.9710, 23.7470

Previews

White Background



This preview shows how the YIQ color 200.9280, 9.6710, 17.4710 looks on a white background.

Color Contrast Check

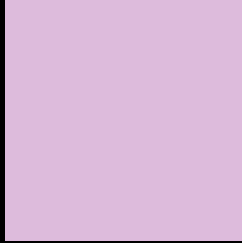
Large Text (above 18pt) WCAG AA × Fail

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 200.9280, 9.6710, 17.4710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

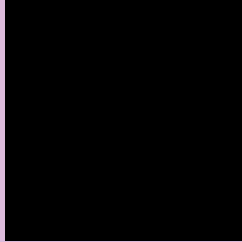
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.9280, 9.6710, 17.4710

Background



This preview shows how black text looks on a background with the YIQ color 200.9280, 9.6710, 17.4710.



This preview shows how white text looks on a background with the YIQ color 200.9280, 9.6710,

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

200.9280, 9.6710, 17.4710

Protanopia

198.5230, -11.4180, 8.6940

Deuteranopia

199.5630, 0.2730, 11.5770



Tritanopia

200.2670, 12.7900, 10.5020

Trichromacy



Original Color

200.9280, 9.6710, 17.4710

Protanomaly

199.5240, -3.9910, 11.7610

Deuteranomaly

199.8840, 3.8030, 13.6830

Tritanomaly

200.6630, 11.7350, 13.1030

Monochromacy



Original Color

200.9280, 9.6710, 17.4710

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9560, 3.3000, 6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.9280, 9.6710, 17.4710 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(221, 187, 220)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 220)  
}
```

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(221, 187, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 220) }
```

Border

The CSS property to change the border of an element to YIQ 200.9280, 9.6710, 17.4710 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(221, 187, 220) }
```


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

```
.border{ border-color:rgb(221, 187, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 187, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 187, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 187, 220);  
box-shadow:4px 4px 4px 4px rgb(221, 187,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 200.9280, 9.6710, 17.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 220) }
```

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

```
.background{ background-color: rgb(221,  
187, 220) }
```

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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