

Converting Colors

YIQ(200.7720, 9.8100, 9.4420)

Have a look what the booklet for
YIQ(200.7720, 9.8100, 9.4420)
contains.

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Color

**YIQ(200.7720, 9.8100,
9.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C0CE
RGB	216, 192, 206
RGB Percent	85%, 75%, 81%
CMY	0.1529, 0.2471, 0.1921
CMYK	0.00, 0.11, 0.05, 0.15
HSL	325°, 24%, 80%
HSV	325°, 11%, 85%
XYZ	58.3127, 56.7529, 66.2781
YIQ	200.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

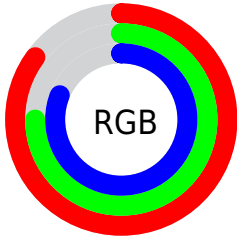
Format	Color
R _Y B	216, 192, 206
Decimal	14205134
CIE Lab	80.04, 10.89, -3.91
CIE LCh	80, 11.573, 340.244
Yxy	56.7529, 0.3216, 0.3130
Android (android.graphics.Color)	4292395214 (0xFFD8C0CE)
YUV	200.7720, 2.5774, 13.3550
Hunter-Lab	75.3345, 6.3326, 0.5718

Details

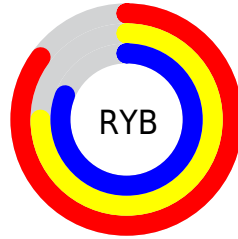
The YIQ color $200.7720, 9.8100, 9.4420$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $207.2280, -9.8100, -9.4420$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8910, 1.9250, 3.6610$, and $147.0600, 8.9390, 8.7070$ is the 20% darker color. If you saturate the color by 10%, you get $186.8320, 18.7490, 18.1490$, and if you desaturate by 10%, it is $214.7120, 0.8710, 0.7350$.

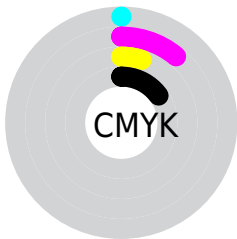
Distribution



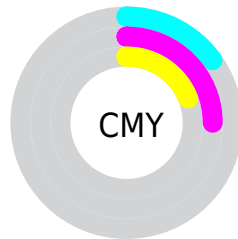
- Red (85%)
- Green (75%)
- Blue (81%)



- Red (85%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.7720, 9.8100, 9.4420 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 200.7720, 9.8100, 9.4420 by changing the saturation by 10% instead.

■ 200.7720, 9.8100,
9.4420

■ 200.7720, 9.8100,
9.4420

■ 255.0000, -0.0000,
-0.0000

■ 173.4730, 9.2140,
9.2300

■ 250.8910, 1.9250,
3.6610

■ 146.4730, 9.2140,
9.2300

■ 121.0600, 8.9390,
8.7070

■ 95.7610, 8.3430,
8.4950

■ 72.3480, 8.0680,
7.9720

■ 49.9350, 7.7930,
7.4490

■ 28.3370, 6.6010,

7.0250

■ 7.4190, 9.3060,
7.5620

■ 0.0000, 0.0000,
0.0000

■ 200.7720, 9.8100,
9.4420

■ 200.7720, 9.8100,
9.4420

■ 186.8320, 18.7490,
18.1490

■ 214.7120, 0.8710,
0.7350

■ 173.4790, 27.4130,
26.3330

■ 228.0650, -7.7930,
-7.4490

■ 159.5390, 36.3520,
35.0400

■ 240.8310,
-16.1820, -15.1100

■ 146.1860, 45.0160,
43.2240

■ 241.8570,
-19.0710, -12.3110

■ 132.2460, 53.9550,
51.9310

■ 242.8830,
-21.9600, -9.5120

■ 118.3060, 62.8940,
60.6380

■ 243.3390,
-23.2440, -8.2680

■ 104.9530, 71.5580,
68.8220

■ 91.0130, 80.4970,
77.5290

■ 78.9480, 88.2900,
84.9780

Harmonies

Analogous

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



200.2700, -0.4600, 8.3400



200.7720, 9.8100, 9.4420



200.7250, 17.1920, 7.8160

Triad

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



200.7720, 9.8100, 9.4420



197.9870, 10.0420, -5.7820



195.3440, -21.6400, -4.2960

Complementary

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



200.7720, 9.8100, 9.4420



207.2280, -9.8100, -9.4420

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.



195.0900, -18.1090, -7.7170



200.7720, 9.8100, 9.4420



196.4310, -0.1360, -8.5520

Square

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



200.7720, 9.8100, 9.4420



198.7430, 16.7810, -1.2590



195.3420, -10.1310, -9.1310



196.9470, -18.8440, 0.1000

Rectangle

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



200.7720, 9.8100, 9.4420



200.5140, 19.1640, 5.1160



195.3420, -10.1310, -9.1310



195.5890, -20.9520, -5.7520

Sweetspot

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



200.7720, 9.8100, 9.4420



249.9620, 3.1630, 3.2510



197.7260, -1.7440, 9.5840



124.1360, 2.6130, 2.2050



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.



200.7720, 9.8100, 9.4420



234.0330, 13.5690, 12.9050



199.4040, 13.6620, 5.7100



100.0870, 4.3090, 4.5090



62.5290, 69.8160, 67.3520



15.7070, 17.6030, 16.8910

Inverse Universe

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



200.7720, 9.8100, 9.4420



234.0330, 13.5690, 12.9050



208.5960, -13.6620, -5.7100



100.0870, 4.3090, 4.5090



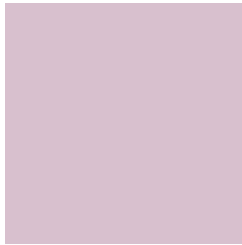
62.5290, 69.8160, 67.3520



15.7070, 17.6030, 16.8910

Previews

White Background



This preview shows how the YIQ color 200.7720, 9.8100, 9.4420 looks on a white background.

Color Contrast Check

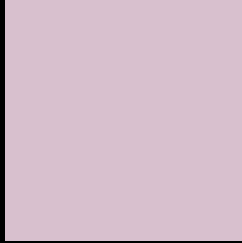
Large Text (above 18pt) WCAG AA × Fail

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 200.7720, 9.8100, 9.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

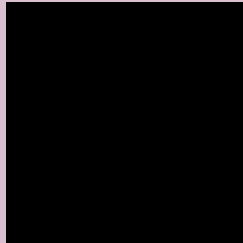
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.7720, 9.8100, 9.4420

Background



This preview shows how black text looks on a background with the YIQ color 200.7720, 9.8100, 9.4420.



This preview shows how white text looks on a background with the YIQ color 200.7720, 9.8100,

9.4420.

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

200.7720, 9.8100, 9.4420

Protanopia

198.9660, -2.6600, 4.1560

Deuteranopia

200.7610, 8.3430, 8.4950



Tritanopia

200.8860, 9.4890, 9.7530

Trichromacy



Original Color

200.7720, 9.8100, 9.4420

Protanomaly

199.4720, 1.7870, 6.1630

Deuteranomaly

201.0600, 8.9390, 8.7070

Tritanomaly

200.8860, 9.4890, 9.7530

Monochromacy



Original Color

200.7720, 9.8100, 9.4420

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9620, 3.1630, 3.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.7720, 9.8100, 9.4420 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(216, 192, 206)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 206)  
}
```

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(216, 192, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 206) }
```

Border

The CSS property to change the border of an element to YIQ 200.7720, 9.8100, 9.4420 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(216, 192, 206) }
```


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

```
.border{ border-color:rgb(216, 192, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 206);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 200.7720, 9.8100, 9.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 206) }
```

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

```
.background{ background-color: rgb(216,  
192, 206) }
```

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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