

Converting Colors

YIQ(198.4920, -0.9650, 11.9870)

Have a look what the booklet for
YIQ(198.4920, -0.9650, 11.9870)
contains.

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Color

**YIQ(198.4920, -0.9650,
11.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBFDC
RGB	205, 191, 220
RGB Percent	80%, 75%, 86%
CMY	0.1960, 0.2510, 0.1373
CMYK	0.07, 0.13, 0.00, 0.14
HSL	269°, 29%, 81%
HSV	269°, 13%, 86%
XYZ	56.7274, 55.4070, 75.4103
YIQ	198.4920, -0.9650, 11.9870

Conversions

Conversions Part 2

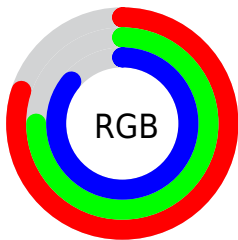
Format	Color
R_{YB}	205, 191, 220
Decimal	13483996
CIE _{Lab}	79.28, 10.30, -12.68
CIE _{LCh}	79, 16.342, 309.092
Yxy	55.4070, 0.3025, 0.2954
Android (android.graphics.Color)	4291674076 (0xFFCDBFDC)
YUV	198.4920, 10.6034, 5.7075
Hunter-Lab	74.4359, 5.7715, -7.9610

Details

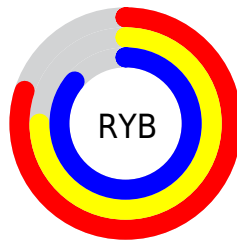
The YIQ color $198.4920, -0.9650, 11.9870$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $212.5080, 0.9650, -11.9870$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3040, 2.2000, 4.1840$, and $144.9650, -0.9190, 11.1530$ is the 20% darker color. If you saturate the color by 10%, you get $182.2890, -1.4710, 21.1610$, and if you desaturate by 10%, it is $214.6950, -0.4590, 2.8130$.

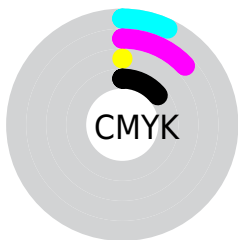
Distribution



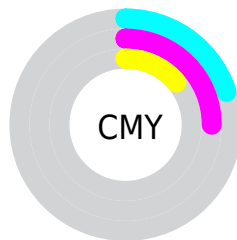
- Red (80%)
- Green (75%)
- Blue (86%)



- Red (80%)
- Yellow (75%)
- Blue (86%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.4920, -0.9650, 11.9870 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 198.4920, -0.9650, 11.9870 by changing the saturation by 10% instead.

■ 198.4920, -0.9650,
11.9870

■ 198.4920, -0.9650,
11.9870

■ 255.0000, -0.0000,
-0.0000

■ 171.0790, -1.2400,
11.4640

■ 250.3040, 2.2000,
4.1840

■ 144.9650, -0.9190,
11.1530

■ 118.9650, -0.9190,
11.1530

■ 94.4380, -0.8730,
10.3190

■ 70.4380, -0.8730,
10.3190

■ 47.9110, -0.8270,
9.4850

■ 27.0850, -1.3770,

8.4390

■ 4.4160, -3.8070,
8.4250

■ 0.0000, 0.0000,
0.0000

■ 198.4920, -0.9650,
11.9870

■ 198.4920, -0.9650,
11.9870

■ 182.2890, -1.4710,
21.1610

■ 214.6950, -0.4590,
2.8130

■ 165.7870, -2.5730,
30.1230

■ 231.1970, 0.6430,
-6.1490

■ 149.5840, -3.0790,
39.2970

■ 246.2260, 1.6990,
-14.2770

■ 133.3810, -3.5850,
48.4710

■ 249.5150, 8.2550,
-11.9450

■ 116.8790, -4.6870,
57.4330

■ 251.0100, 11.2350,
-10.8850

■ 100.6760, -5.1930,
66.6070

■ 84.1740, -6.2950,
75.5690

■ 67.9710, -6.8010,
84.7430

■ 56.7740, -7.4440,
90.8920

Harmonies

Analogous

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



196.4300, -15.5900, 7.2100



198.4920, -0.9650, 11.9870



199.2610, 12.9270, 13.5270

Triad

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



198.4920, -0.9650, 11.9870



197.0380, 23.2000, -1.9520



190.7900, -26.1320, -10.9960

Complementary

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



198.4920, -0.9650, 11.9870



212.5080, 0.9650, -11.9870

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.



191.6680, -14.1650, -13.1170



198.4920, -0.9650, 11.9870



195.5590, 14.1230, -8.1570

Square

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



198.4920, -0.9650, 11.9870



198.5210, 26.4540, 5.1580



193.3230, 0.0480, -11.8880



191.5000, -30.9470, -6.3310

Rectangle

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



198.4920, -0.9650, 11.9870



199.5130, 20.9050, 12.1130



193.3230, 0.0480, -11.8880



191.0030, -22.4180, -12.2260

Sweetspot

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



198.4920, -0.9650, 11.9870



247.6350, -0.2300, 4.1700



203.1110, -13.4340, 1.1740



122.6950, -0.4590, 2.8130



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.



198.4920, -0.9650, 11.9870



224.6540, -1.2410, 16.9910



202.9770, 7.9750, 15.1670



101.7490, -0.5510, 4.4810



44.8380, -5.4690, 71.6110



11.8220, -1.6540, 18.9700

Inverse Universe

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



201.3810, 12.4690, 10.8130



228.6530, 17.6950, 15.2230



208.0230, -7.9750, -15.1670



102.8590, 4.9510, 3.8870



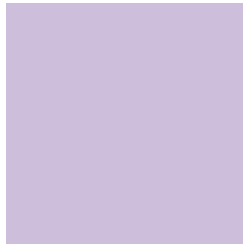
61.9870, 74.2180, 64.6660



16.4900, 19.7120, 17.2160

Previews

White Background



This preview shows how the YIQ color 198.4920, -0.9650, 11.9870 looks on a white background.

Color Contrast Check

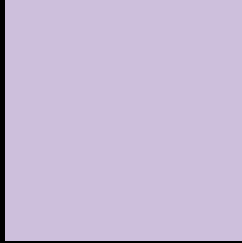
Large Text (above 18pt) WCAG AA × Fail

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 198.4920, -0.9650, 11.9870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

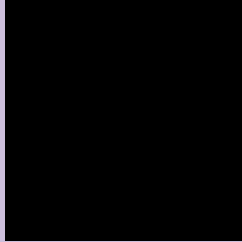
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.4920, -0.9650, 11.9870

Background



This preview shows how black text looks on a background with the YIQ color 198.4920, -0.9650, 11.9870.



This preview shows how white text looks on a background with the YIQ color 198.4920, -0.9650,

11.9870.

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

198.4920, -0.9650, 11.9870

Protanopia

197.1810, -10.4550, 7.7610

Deuteranopia

198.1930, -1.5610, 11.7750



Tritanopia

197.7000, 1.1450, 6.7850

Trichromacy



Original Color

198.4920, -0.9650, 11.9870

Protanomaly

197.9750, -6.8790, 9.0330

Deuteranomaly

198.1930, -1.5610, 11.7750

Tritanomaly

197.8680, 0.7320, 8.7640

Monochromacy



Original Color

198.4920, -0.9650, 11.9870

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.0480, 0.0450, 4.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4920, -0.9650, 11.9870 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(205, 191, 220)` looks like.

```
.text, #text, p{  
    color:rgb(205, 191, 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(205, 191, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 191, 220) }
```

Border

The CSS property to change the border of an element to YIQ 198.4920, -0.9650, 11.9870 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(205, 191, 220) }
```


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

```
.border{ border-color:rgb(205, 191, 220) }
```

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

Here you see how a box with a 4 pixel rgb(205, 191, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 191, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 191, 220);  
box-shadow:4px 4px 4px 4px rgb(205, 191,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4920, -0.9650, 11.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 191, 220) }
```

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

```
.background{ background-color: rgb(205,  
191, 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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