

Converting Colors

YIQ(205.4910, 0.7760, 18.9840)

Have a look what the booklet for
YIQ(205.4910, 0.7760, 18.9840)
contains.

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Color

**YIQ(205.4910, 0.7760,
18.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC1ED
RGB	218, 193, 237
RGB Percent	85%, 76%, 93%
CMY	0.1450, 0.2432, 0.0706
CMYK	0.08, 0.19, 0.00, 0.07
HSL	274°, 55%, 84%
HSV	274°, 19%, 93%
XYZ	63.2726, 59.1581, 88.1985
YIQ	205.4910, 0.7760, 18.9840

Conversions

Conversions Part 2

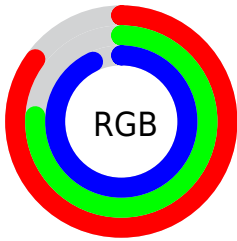
Format	Color
R _{YB}	218, 193, 237
Decimal	14336493
CIE _{Lab}	81.38, 16.84, -18.54
CIE _{LCh}	81, 25.051, 312.252
Yxy	59.1581, 0.3004, 0.2809
Android (android.graphics.Color)	4292526573 (0xFFDAC1ED)
YUV	205.4910, 15.5339, 10.9704
Hunter-Lab	76.9143, 12.2408, -14.1485

Details

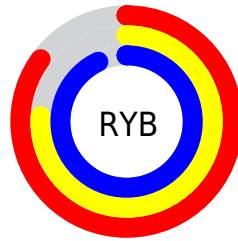
The YIQ color $205.4910, 0.7760, 18.9840$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $224.5090, -0.7760, -18.9840$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0650, 1.3750, 2.6150$, and $150.9640, 0.8220, 18.1500$ is the 20% darker color. If you saturate the color by 10%, you get $188.4130, 1.4160, 29.4160$, and if you desaturate by 10%, it is $222.5690, 0.1360, 8.5520$.

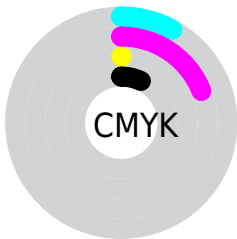
Distribution



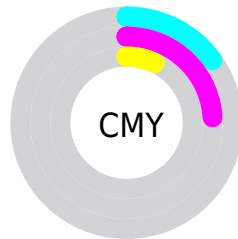
- Red (85%)
- Green (76%)
- Blue (93%)



- Red (85%)
- Yellow (76%)
- Blue (93%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.4910, 0.7760, 18.9840 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 205.4910, 0.7760, 18.9840 by changing the saturation by 10% instead.

 205.4910, 0.7760,
18.9840


 205.4910, 0.7760,
18.9840

255.0000, -0.0000,
-0.0000


 178.0780, 0.5010,
18.4610


 252.0650, 1.3750,
2.6150

 150.9640, 0.8220,
18.1500

 125.1380, 0.2720,
17.1040

 100.0240, 0.5930,
16.7930

 76.1980, 0.0430,
15.7470

 52.7850, -0.2320,
15.2240

 31.2580, -0.1860,

14.3900

■ 10.5680, 1.8770,
15.5490

■ 1.0260, -2.8890,
2.7990

■ 205.4910, 0.7760,
18.9840

■ 205.4910, 0.7760,
18.9840

■ 188.4130, 1.4160,
29.4160

■ 222.5690, 0.1360,
8.5520

■ 171.9220, 1.7810,
39.3250

■ 239.0600, -0.2290,
-1.3570

■ 154.5450, 1.8250,
49.5450

■ 251.1540, 2.2020,
-6.8700

■ 137.4670, 2.4650,
59.9770

■ 252.9480, 5.7780,
-5.5980

■ 120.3890, 3.1050,
70.4090

■ 103.8980, 3.4700,
80.3180

■ 86.8200, 4.1100,
90.7500

■ 69.4430, 4.1540,
100.9700

■ 67.3830, 4.3830,
102.3270

Harmonies

Analogous

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



202.1720, -23.4310, 11.6490



205.4910, 0.7760, 18.9840



206.2670, 21.9580, 20.5660

Triad

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



205.4910, 0.7760, 18.9840



202.7310, 34.2500, -3.9740



192.4070, -44.2870, -17.8790

Complementary

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



205.4910, 0.7760, 18.9840



224.5090, -0.7760, -18.9840

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.



194.1780, -24.7090, -20.2690



205.4910, 0.7760, 18.9840



200.3220, 18.9840, -13.6560

Square

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



205.4910, 0.7760, 18.9840



204.4040, 40.0250, 7.0090



197.0250, -2.2890, -19.0970



193.4420, -51.3950, -10.2030

Rectangle

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



205.4910, 0.7760, 18.9840



205.9600, 33.0080, 18.5440



197.0250, -2.2890, -19.0970



192.9900, -38.7390, -19.3070

Sweetspot

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



205.4910, 0.7760, 18.9840



244.1020, -0.0470, 6.3610



209.1690, -19.3490, 3.7470



121.5210, 0.0910, 3.8590



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.



205.4910, 0.7760, 18.9840



214.9520, 1.0960, 24.2000



210.8300, 13.0630, 22.0790



109.0480, 0.0450, 4.6930



51.4310, 3.2870, 78.1270



15.1260, 0.5460, 23.1540

Inverse Universe

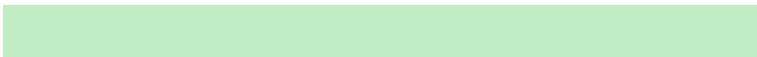
The Inverse Universe completely reimagines the original color for something new.



208.3220, 20.1250, 15.2370



218.4800, 25.6720, 19.3360



219.1700, -13.0630, -22.0790



109.8590, 4.9510, 3.8870



63.0110, 82.8380, 62.6300



18.7680, 24.8010, 18.6010

Previews

White Background



This preview shows how the YIQ color 205.4910, 0.7760, 18.9840 looks on a white background.

Color Contrast Check

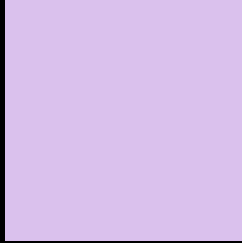
Large Text (above 18pt) WCAG AA × Fail

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 205.4910, 0.7760, 18.9840 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 205.4910, 0.7760, 18.9840

Background



This preview shows how black text looks on a background with the YIQ color 205.4910, 0.7760, 18.9840.



This preview shows how white text looks on a background with the YIQ color 205.4910, 0.7760,

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

205.4910, 0.7760, 18.9840

Protanopia

202.9940, -17.0580, 11.7900

Deuteranopia

204.1370, -7.1550, 14.0370



Tritanopia

203.9070, 4.9960, 8.5800

Trichromacy



Original Color

205.4910, 0.7760, 18.9840

Protanomaly

203.6960, -10.2270, 14.6450

Deuteranomaly

204.7460, -4.4960, 15.4080

Tritanomaly

204.6450, 2.9780, 12.1140

Monochromacy



Original Color

205.4910, 0.7760, 18.9840

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.5150, 0.2280, 6.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.4910, 0.7760, 18.9840 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(218, 193, 237)` looks like.

```
.text, #text, p{  
    color:rgb(218, 193, 237)  
}
```

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(218, 193, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 193, 237) }
```

Border

The CSS property to change the border of an element to YIQ 205.4910, 0.7760, 18.9840 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(218, 193, 237) }
```


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

```
.border{ border-color:rgb(218, 193, 237) }
```

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

Here you see how a box with a 4 pixel rgb(218, 193, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 193, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 193, 237);  
box-shadow:4px 4px 4px 4px rgb(218, 193,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 205.4910, 0.7760, 18.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 193, 237) }
```

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

```
.background{ background-color: rgb(218,  
193, 237) }
```

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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