

Converting Colors

YIQ(197.7380, -10.0450,
22.3630)

Have a look what the booklet for
YIQ(197.7380, -10.0450, 22.3630)
contains.

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Color

**YIQ(197.7380, -10.0450,
22.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	CABAF7
RGB	202, 186, 247
RGB Percent	79%, 73%, 97%
CMY	0.2078, 0.2706, 0.0315
CMYK	0.18, 0.25, 0.00, 0.03
HSL	256°, 79%, 85%
HSV	256°, 25%, 97%
XYZ	58.7050, 54.3883, 95.3816
YIQ	197.7380, -10.0450, 22.3630

Conversions

Conversions Part 2

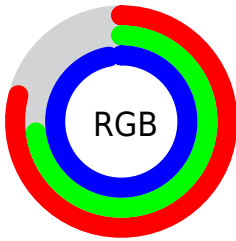
Format	Color
R _Y B	202, 186, 247
Decimal	13286135
CIE _{Lab}	78.69, 17.67, -28.11
CIE _{LCh}	79, 33.205, 302.157
Yxy	54.3883, 0.2816, 0.2609
Android (android.graphics.Color)	4291476215 (0xFFCABAF7)
YUV	197.7380, 24.2862, 3.7378
Hunter-Lab	73.7484, 13.0291, -25.0581

Details

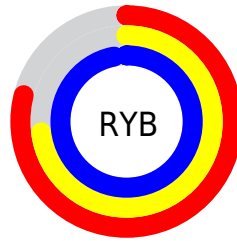
The YIQ color $197.7380, -10.0450, 22.3630$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $235.2620, 10.0450, -22.3630$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3690, 3.5750, 6.7990$, and $143.6840, -9.9530, 20.6950$ is the 20% darker color. If you saturate the color by 10%, you get $177.6810, -13.8980, 31.6220$, and if you desaturate by 10%, it is $217.7950, -6.1920, 13.1040$.

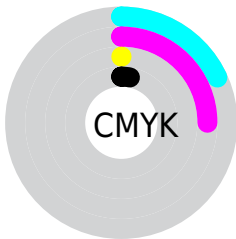
Distribution



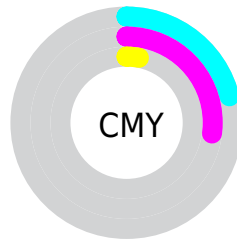
- Red (79%)
- Green (73%)
- Blue (97%)



- Red (79%)
- Yellow (73%)
- Blue (97%)



- Cyan (18%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (21%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.7380, -10.0450, 22.3630 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 197.7380, -10.0450, 22.3630 by changing the saturation by 10% instead.

■ 197.7380,
-10.0450, 22.3630

■ 197.7380,
-10.0450, 22.3630

■ 255.0000, -0.0000,
-0.0000

■ 170.2110, -9.9990,
21.5290

■ 247.3690, 3.5750,
6.7990

■ 143.6840, -9.9530,
20.6950

■ 118.1570, -9.9070,
19.8610

■ 92.7440, -10.1820,
19.3380

■ 69.1030, -9.8150,
18.1930

■ 46.2770, -10.3650,
17.1470

■ 24.6250, -11.4650,

15.0550

■ 4.6740, -13.1610,
12.7510

■ 2.7530, -6.3740,
5.3860

■ 197.7380,
-10.0450, 22.3630

■ 197.7380,
-10.0450, 22.3630

■ 177.6810,
-13.8980, 31.6220

■ 217.7950, -6.1920,
13.1040

■ 158.2110,
-18.0260, 40.3580

■ 237.2650, -2.0640,
4.3680

■ 137.8550,
-22.4750, 49.4050

■ 254.0880, 2.5680,
-2.4880

■ 117.7980,
-26.3280, 58.6640

■ 98.3280, -30.4560,
67.4000

■ 78.2710, -34.3090,
76.6590

■ 58.2140, -38.1620,
85.9180

■ 47.5930, -40.5470,
90.5970

Harmonies

Analogous

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



191.9510, -41.8620, 9.7700



197.7380, -10.0450, 22.3630



199.4120, 20.3520, 27.6480

Triad

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



197.7380, -10.0450, 22.3630



195.2550, 47.4540, -0.9780



180.2760, -54.4640, -26.1760

Complementary

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



197.7380, -10.0450, 22.3630



235.2620, 10.0450, -22.3630

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.



184.8480, -24.0200, -27.2520



197.7380, -10.0450, 22.3630



192.4390, 31.7760, -14.2080

Square

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



197.7380, -10.0450, 22.3630



197.5520, 51.5320, 13.2280



189.4680, 6.4690, -23.6350



178.1400, -74.2720, -19.6160

Rectangle

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



197.7380, -10.0450, 22.3630



198.9700, 36.2160, 26.4880



189.4680, 6.4690, -23.6350



181.4250, -44.6980, -26.9540

Sweetspot

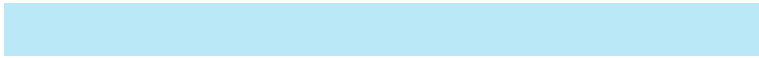
The Sweet Spot groups the original color and five complimentary colors.



197.7380, -10.0450, 22.3630



240.5470, -2.7980, 6.6580



219.9560, -32.2310, -5.0870



119.1510, -1.7430, 4.0570



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.



197.7380, -10.0450, 22.3630



193.6440, -12.4760, 27.8760



206.7080, 7.8350, 28.7230



112.2650, -2.0640, 4.3680



35.8550, -30.5020, 68.2340



11.2110, -9.9990, 21.5290

Inverse Universe

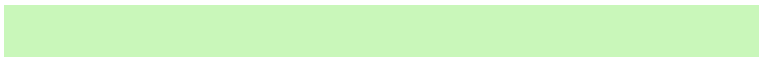
The Inverse Universe completely reimagines the original color for something new.



209.3690, 21.9110, 26.9270



208.1080, 27.3200, 33.5280



226.2920, -7.8350, -28.7230



114.6140, 4.2630, 5.3430



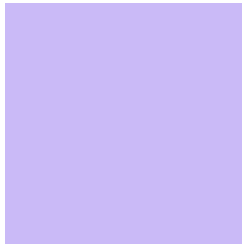
71.2320, 66.8790, 82.0390



22.5430, 21.3610, 25.8810

Previews

White Background



This preview shows how the YIQ color 197.7380, -10.0450, 22.3630 looks on a white background.

Color Contrast Check

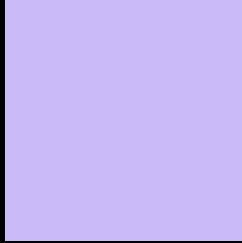
Large Text (above 18pt) WCAG AA × Fail

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 197.7380, -10.0450, 22.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

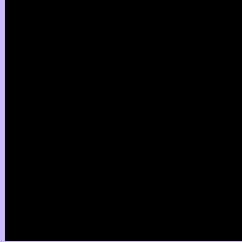
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.7380, -10.0450, 22.3630

Background



This preview shows how black text looks on a background with the YIQ color 197.7380, -10.0450, 22.3630.

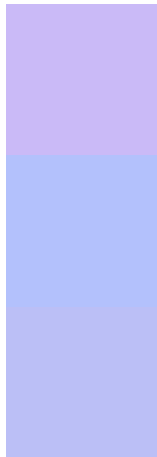


This preview shows how white text looks on a background with the YIQ color 197.7380, -10.0450,

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

197.7380, -10.0450, 22.3630

Protanopia

195.5400, -27.2830, 15.3810

Deuteranopia

196.0740, -20.0390, 16.2570



Tritanopia

195.3080, -3.6230, 5.0890

Trichromacy



Original Color

197.7380, -10.0450, 22.3630

Protanomaly

195.9430, -21.0480, 18.0240

Deuteranomaly

196.3950, -16.5090, 18.3630

Tritanomaly

196.0400, -5.5040, 11.6480

Monochromacy



Original Color

197.7380, -10.0450, 22.3630

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.0030, -4.0820, 7.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.7380, -10.0450, 22.3630 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(202, 186, 247)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 247)  
}
```

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(202, 186, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 247) }
```

Border

The CSS property to change the border of an element to YIQ 197.7380, -10.0450, 22.3630 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(202, 186, 247) }
```


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

```
.border{ border-color:rgb(202, 186, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 186, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 186, 247);  
box-shadow:4px 4px 4px 4px rgb(202, 186,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 197.7380, -10.0450, 22.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 247) }
```

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

```
.background{ background-color: rgb(202,  
186, 247) }
```

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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