

Converting Colors

YIQ(210.0530, 19.9850, 28.7930)

Have a look what the booklet for
YIQ(210.0530, 19.9850, 28.7930)
contains.

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Color

**YIQ(210.0530, 19.9850,
28.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BAED
RGB	247, 186, 237
RGB Percent	97%, 73%, 93%
CMY	0.0312, 0.2707, 0.0705
CMYK	0.00, 0.25, 0.04, 0.03
HSL	310°, 79%, 85%
HSV	310°, 25%, 97%
XYZ	71.2148, 61.0044, 88.1502
YIQ	210.0530, 19.9850, 28.7930

Conversions

Conversions Part 2

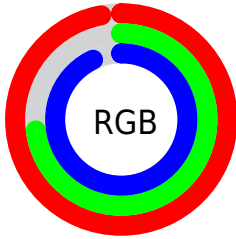
Format	Color
R _{YB}	247, 186, 237
Decimal	16235245
CIE Lab	82.38, 30.07, -16.78
CIE LCh	82, 34.438, 330.841
Yxy	61.0044, 0.3232, 0.2768
Android (android.graphics.Color)	4294425325 (0xFFF7BAED)
YUV	210.0530, 13.2849, 32.4025
Hunter-Lab	78.1053, 26.0681, -12.2413

Details

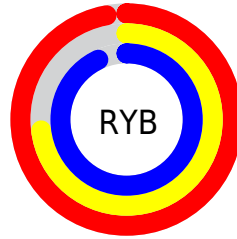
The YIQ color **210.0530, 19.9850, 28.7930** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **222.9470, -19.9850, -28.7930**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.9560, 3.3000, 6.2760**, and **154.9280, 18.8390, 27.5350** is the 20% darker color. If you saturate the color by 10%, you get **194.9220, 28.1440, 40.6240**, and if you desaturate by 10%, it is **225.1840, 11.8260, 16.9620**.

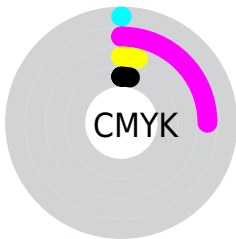
Distribution



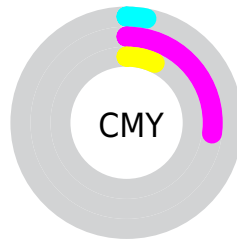
- Red (97%)
- Green (73%)
- Blue (93%)



- Red (97%)
- Yellow (73%)
- Blue (93%)



- Cyan (0%)
- Magenta (25%)
- Yellow (4%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.0530, 19.9850, 28.7930 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 210.0530, 19.9850, 28.7930 by changing the saturation by 10% instead.

210.0530, 19.9850,
28.7930

210.0530, 19.9850,
28.7930

255.0000, -0.0000,
-0.0000

182.3410, 19.1140,
28.0580

247.9560, 3.3000,
6.2760

154.9280, 18.8390,
27.5350

128.5150, 18.5640,
27.0120

103.3900, 17.4180,
25.7540

78.6780, 16.5470,
25.0190

54.0800, 15.3550,
24.5950

30.1940, 15.0340,

24.9060

■ 15.5370, 12.3300,
18.8420

■ 1.0260, -2.8890,
2.7990

■ 210.0530, 19.9850,
28.7930

■ 210.0530, 19.9850,
28.7930

■ 194.9220, 28.1440,
40.6240

■ 225.1840, 11.8260,
16.9620

■ 180.3780, 36.0280,
51.9320

■ 239.7280, 3.9420,
5.6540

■ 165.2470, 44.1870,
63.7630

■ 251.9240, -2.8420,
-3.5620

■ 150.1160, 52.3460,
75.5940

■ 252.3800, -4.1260,
-2.3180

■ 134.9850, 60.5050,
87.4250

■ 252.6080, -4.7680,
-1.6960

■ 120.4410, 68.3890,
98.7330

■ 105.3100, 76.5480,
110.5640

■ 97.3370, 81.0860,
116.4300

Harmonies

Analogous

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



207.2110, -9.9990, 21.5290



210.0530, 19.9850, 28.7930



205.8620, 36.4000, 23.1520

Triad

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



210.0530, 19.9850, 28.7930



202.9940, 34.5270, -14.5050



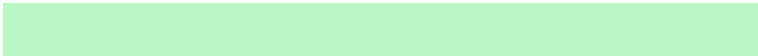
187.5310, -76.9310, -20.9870

Complementary

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



210.0530, 19.9850, 28.7930



222.9470, -19.9850, -28.7930

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.



189.8520, -56.2060, -27.6460



210.0530, 19.9850, 28.7930



199.4250, 8.0280, -24.3560

Square

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



210.0530, 19.9850, 28.7930



205.7500, 50.4340, 0.0820



195.0930, -23.3320, -28.7080



192.3290, -70.0100, -8.7460

Rectangle

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



210.0530, 19.9850, 28.7930



204.0550, 42.8660, 16.0980



195.0930, -23.3320, -28.7080



187.5760, -72.8040, -24.1960

Sweetspot

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



210.0530, 19.9850, 28.7930



244.0920, 5.9130, 8.4810



195.6450, -14.2170, 20.8790



121.3150, 3.6670, 5.1310



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.



210.0530, 19.9850, 28.7930



208.9060, 25.0730, 35.7050



206.6330, 29.6150, 19.4630



114.7280, 3.9420, 5.6540



73.3980, 60.7800, 87.9480



23.2270, 19.4350, 27.7470

Inverse Universe

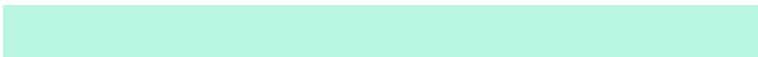
The Inverse Universe completely reimagines the original color for something new.



210.0530, 19.9850, 28.7930



208.9060, 25.0730, 35.7050



226.3670, -29.6150, -19.4630



114.7280, 3.9420, 5.6540



73.3980, 60.7800, 87.9480



23.2270, 19.4350, 27.7470

Previews

White Background



This preview shows how the YIQ color 210.0530, 19.9850, 28.7930 looks on a white background.

Color Contrast Check

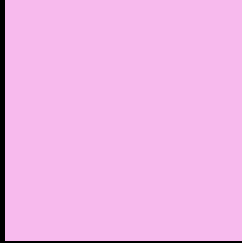
Large Text (above 18pt) WCAG AA × Fail

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 210.0530, 19.9850, 28.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

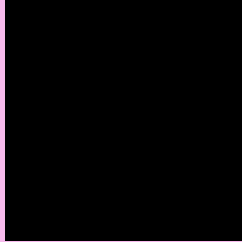
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.0530, 19.9850, 28.7930

Background



This preview shows how black text looks on a background with the YIQ color 210.0530, 19.9850, 28.7930.



This preview shows how white text looks on a background with the YIQ color 210.0530, 19.9850,

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

210.0530, 19.9850, 28.7930

Protanopia

205.8520, -19.5340, 12.6100

Deuteranopia

207.1650, -4.3580, 12.9060



Tritanopia

208.2580, 26.1770, 15.6890

Trichromacy



Original Color

210.0530, 19.9850, 28.7930



Protanomaly

207.5550, -5.2760, 18.5320



Deuteranomaly

208.2310, 4.4440, 18.5880



Tritanomaly

208.6370, 23.7920, 20.3680

Monochromacy



Original Color

210.0530, 19.9850, 28.7930



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.7440, 7.0130, 10.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.0530, 19.9850, 28.7930 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(247, 186, 237)` looks like.

```
.text, #text, p{  
    color:rgb(247, 186, 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(247, 186, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 186, 237) }
```

Border

The CSS property to change the border of an element to YIQ 210.0530, 19.9850, 28.7930 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(247, 186, 237) }
```


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

```
.border{ border-color:rgb(247, 186, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 186, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 186, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 186, 237);  
box-shadow:4px 4px 4px 4px rgb(247, 186,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 210.0530, 19.9850, 28.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 186, 237) }
```

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

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