

Converting Colors

YIQ(213.7930, 31.6800, 9.5680)

Have a look what the booklet for
YIQ(213.7930, 31.6800, 9.5680)
contains.

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Color

**YIQ(213.7930, 31.6800,
9.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC7C3
RGB	250, 199, 195
RGB Percent	98%, 78%, 76%
CMY	0.0195, 0.2197, 0.2352
CMYK	0.00, 0.20, 0.22, 0.02
HSL	4°, 85%, 87%
HSV	4°, 22%, 98%
XYZ	69.7077, 65.1082, 60.5424
YIQ	213.7930, 31.6800, 9.5680

Conversions

Conversions Part 2

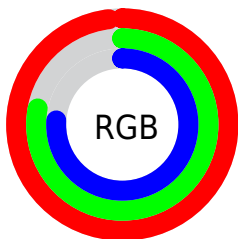
Format	Color
R _Y B	250, 199, 195
Decimal	16435139
CIE Lab	84.54, 17.54, 8.88
CIE LCh	85, 19.665, 26.853
Yxy	65.1082, 0.3568, 0.3333
Android (android.graphics.Color)	4294625219 (0xFFFA7C3)
YUV	213.7930, -9.2649, 31.7535
Hunter-Lab	80.6896, 12.9992, 11.9968

Details

The YIQ color $213.7930, 31.6800, 9.5680$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $231.2070, -31.6800, -9.5680$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $158.8960, 29.8920, 8.9320$ is the 20% darker color. If you saturate the color by 10%, you get $197.4420, 46.0300, 13.8220$, and if you desaturate by 10%, it is $230.1440, 17.3300, 5.3140$.

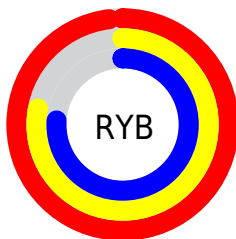
Distribution



Red (98%)

Green (78%)

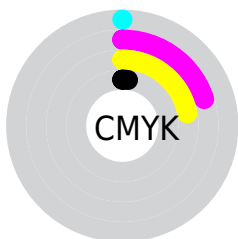
Blue (76%)



Red (98%)

Yellow (78%)

Blue (76%)

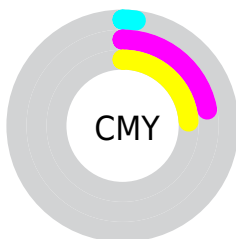


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (2%)



Cyan (2%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.7930, 31.6800, 9.5680 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 213.7930, 31.6800, 9.5680 by changing the saturation by 10% instead.

213.7930, 31.6800,
9.5680

213.7930, 31.6800,
9.5680

255.0000, -0.0000,
-0.0000

186.1950, 30.4880,
9.1440

254.6580, 0.9630,
-0.9330

158.8960, 29.8920,
8.9320

132.4120, 28.3790,
8.8190

106.8140, 27.1870,
8.3950

82.3300, 25.6740,
8.2820

58.5470, 23.5650,
7.9570

36.6500, 21.7770,

7.3210

■ 13.1340, 23.2900,
7.4340

■ 0.0000, 0.0000,
0.0000

■ 213.7930, 31.6800,
9.5680

■ 213.7930, 31.6800,
9.5680

■ 197.4420, 46.0300,
13.8220

■ 230.1440, 17.3300,
5.3140

■ 181.0910, 60.3800,
18.0760

■ 246.4950, 2.9800,
1.0600

■ 164.1530, 75.0050,
22.8530

■ 253.5050, -2.9800,
-1.0600

■ 147.8020, 89.3550,
27.1070

■ 131.4510,
103.7050, 31.3610

■ 115.1000,
118.0550, 35.6150

■ 98.7490, 132.4050,
39.8690

■ 85.3160, 144.0500,
43.5860

Harmonies

Analogous

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



214.4750, 24.0680, 15.3640



213.7930, 31.6800, 9.5680



212.4520, 30.9020, 1.6380

Triad

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



213.7930, 31.6800, 9.5680



205.8270, -10.3590, -16.0150



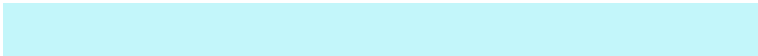
209.5150, -26.1350, 5.5850

Complementary

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



213.7930, 31.6800, 9.5680



231.2070, -31.6800, -9.5680

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.



205.9710, -36.5870, -3.2350



213.7930, 31.6800, 9.5680



204.5570, -27.0940, -15.5900

Square

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



213.7930, 31.6800, 9.5680



208.3900, 7.1090, -13.2030



204.0430, -37.0900, -10.6420



212.7130, -8.8970, 12.5670

Rectangle

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



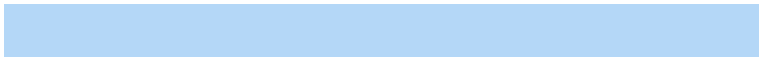
213.7930, 31.6800, 9.5680



211.1260, 25.7680, -4.4400



204.0430, -37.0900, -10.6420



208.1830, -31.1320, 2.5320

Sweetspot

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



213.7930, 31.6800, 9.5680



242.9690, 10.4530, 3.2930



217.2590, 16.4090, 27.5210



120.8760, 6.2810, 1.8090



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

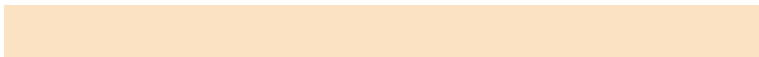
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.7930, 31.6800, 9.5680



211.0820, 38.2360, 11.9000



229.6420, 24.2550, -4.5530



116.4740, 7.4730, 2.2330



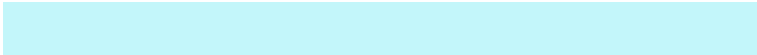
64.7290, 108.7940, 32.7460



20.5870, 35.2560, 10.8400

Inverse Universe

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



231.2070, -31.6800, -9.5680



232.3310, -37.9610, -11.3770



215.3580, -24.2550, 4.5530



120.5260, -7.4730, -2.2330



124.2710, -108.7940, -32.7460



40.4130, -35.2560, -10.8400

Previews

White Background



This preview shows how the YIQ color 213.7930, 31.6800, 9.5680 looks on a white background.

Color Contrast Check

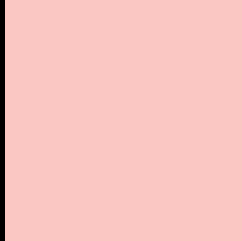
Large Text (above 18pt) WCAG AA × Fail

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 213.7930, 31.6800, 9.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

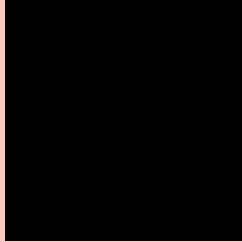
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.7930, 31.6800, 9.5680

Background



This preview shows how black text looks on a background with the YIQ color 213.7930, 31.6800, 9.5680.



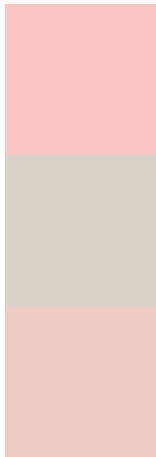
This preview shows how white text looks on a background with the YIQ color 213.7930, 31.6800, 9.5680.

9.5680.

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

213.7930, 31.6800, 9.5680

Protanopia

211.0670, 7.0610, -1.3150

Deuteranopia

213.0260, 23.4740, 4.0980



Tritanopia

214.5680, 28.2400, 16.8480

Trichromacy



Original Color

213.7930, 31.6800, 9.5680

Protanomaly

212.0790, 15.9550, 2.6990

Deuteranomaly

213.0480, 26.4080, 5.9920

Tritanomaly

214.1720, 29.2950, 14.2470

Monochromacy



Original Color

213.7930, 31.6800, 9.5680

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1540, 11.3700, 3.1940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.7930, 31.6800, 9.5680 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(250, 199, 195)` looks like.

```
.text, #text, p{  
    color:rgb(250, 199, 195)  
}
```

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(250, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 199, 195) }
```

Border

The CSS property to change the border of an element to YIQ 213.7930, 31.6800, 9.5680 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(250, 199, 195) }
```


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

```
.border{ border-color:rgb(250, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(250, 199,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 213.7930, 31.6800, 9.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 199, 195) }
```

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

```
.background{ background-color: rgb(250,  
199, 195) }
```

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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