

Converting Colors

YIQ(222.0130, 16.3210, 7.0810)

Have a look what the booklet for
YIQ(222.0130, 16.3210, 7.0810)
contains.

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Color

**YIQ(222.0130, 16.3210,
7.0810)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D5D8
RGB	242, 213, 216
RGB Percent	95%, 84%, 85%
CMY	0.0509, 0.1647, 0.1529
CMYK	0.00, 0.12, 0.11, 0.05
HSL	354°, 53%, 89%
HSV	354°, 12%, 95%
XYZ	72.8121, 71.4215, 74.9247
YIQ	222.0130, 16.3210, 7.0810

Conversions

Conversions Part 2

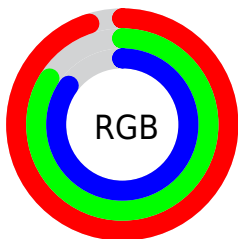
Format	Color
R _Y B	242, 213, 216
Decimal	15914456
CIE Lab	87.69, 10.56, 2.20
CIE LCh	88, 10.791, 11.787
Yxy	71.4215, 0.3322, 0.3259
Android (android.graphics.Color)	4294104536 (0xFFFF2D5D8)
YUV	222.0130, -2.9644, 17.5286
Hunter-Lab	84.5112, 5.8950, 6.5935

Details

The YIQ color **222.0130, 16.3210, 7.0810** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **232.9870, -16.3210, -7.0810**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **166.7140, 15.7250, 6.8690** is the 20% darker color. If you saturate the color by 10%, you get **205.4170, 29.9830, 12.7910**, and if you desaturate by 10%, it is **238.6090, 2.6590, 1.3710**.

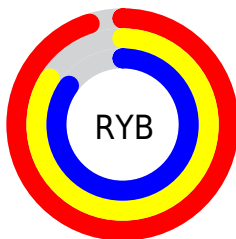
Distribution



Red (95%)

Green (84%)

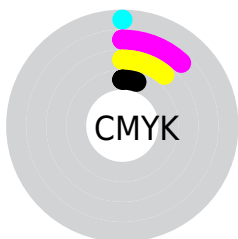
Blue (85%)



Red (95%)

Yellow (84%)

Blue (85%)

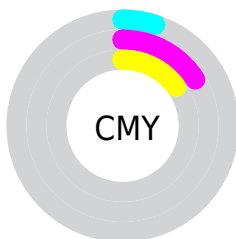


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (5%)



Cyan (5%)


Magenta (16%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.0130, 16.3210, 7.0810 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 222.0130, 16.3210, 7.0810 by changing the saturation by 10% instead.


 222.0130, 16.3210,
7.0810


 222.0130, 16.3210,
7.0810


255.0000, -0.0000,
-0.0000


 194.0130, 16.3210,
7.0810


 166.7140, 15.7250,
6.8690

 140.4150, 15.1290,
6.6570

 114.8170, 13.9370,
6.2330

 90.4040, 13.6620,
5.7100

 66.8060, 12.4700,
5.2860

 44.6210, 11.5530,

5.3850

■ 23.3220, 10.9570,
5.1730

■ 0.5980, 1.1920,
0.4240

■ 222.0130, 16.3210,
7.0810

■ 222.0130, 16.3210,
7.0810

■ 205.4170, 29.9830,
12.7910

■ 238.6090, 2.6590,
1.3710

■ 188.9350, 43.3240,
18.8120

■ 251.1130, -7.7480,
-2.7560

■ 171.7520, 57.2610,
25.0450

■ 155.1560, 70.9230,
30.7550

■ 138.6740, 84.2640,
36.7760

■ 122.0780, 97.9260,
42.4860

■ 105.4820,
111.5880, 48.1960

■ 88.4130, 125.2040,
54.7400

■ 75.2080, 136.2070,
59.0790

Harmonies

Analogous

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



222.2450, 9.8560, 8.6080



222.0130, 16.3210, 7.0810



221.2750, 18.3390, 3.5470

Triad

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



222.0130, 16.3210, 7.0810



217.5450, -0.4570, -8.2410



218.8440, -17.0560, 0.7360

Complementary

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



222.0130, 16.3210, 7.0810



232.9870, -16.3210, -7.0810

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.



216.9420, -20.4480, -3.8720



222.0130, 16.3210, 7.0810



216.7550, -9.8560, -8.6080

Square

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



222.0130, 16.3210, 7.0810



218.9160, 8.8040, -5.3720



216.5030, -17.8340, -7.1940



219.8990, -9.7210, 5.4710

Rectangle

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



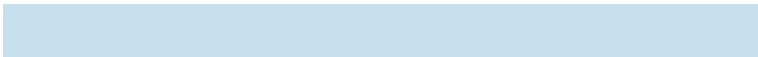
222.0130, 16.3210, 7.0810



220.6830, 17.0100, 0.0980



216.5030, -17.8340, -7.1940



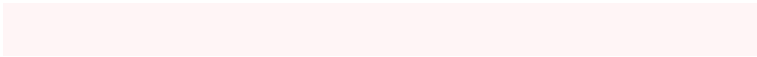
218.4200, -18.7980, -0.7340

Sweetspot

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



222.0130, 16.3210, 7.0810



248.1040, 5.6390, 2.4310



224.0800, 6.1870, 14.5310



123.2070, 3.8510, 1.7950



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.



222.0130, 16.3210, 7.0810



230.2200, 20.1720, 8.8760



228.1280, 14.2590, 0.3950



111.7020, 6.8310, 2.8550



57.1820, 103.5650, 44.9170



17.4280, 31.4500, 13.7380

Inverse Universe

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



222.0130, 16.3210, 7.0810



230.2200, 20.1720, 8.8760



226.8720, -14.2590, -0.3950



111.7020, 6.8310, 2.8550



57.1820, 103.5650, 44.9170



17.4280, 31.4500, 13.7380

Previews

White Background



This preview shows how the YIQ color 222.0130, 16.3210, 7.0810 looks on a white background.

Color Contrast Check

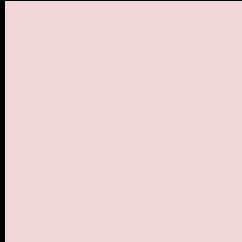
Large Text (above 18pt) WCAG AA × Fail

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 222.0130, 16.3210, 7.0810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

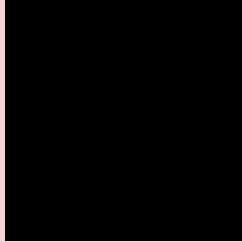
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.0130, 16.3210, 7.0810

Background



This preview shows how black text looks on a background with the YIQ color 222.0130, 16.3210, 7.0810.



This preview shows how white text looks on a background with the YIQ color 222.0130, 16.3210,

7.0810.

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

222.0130, 16.3210, 7.0810

Protanopia

220.4950, 2.9800, 1.0600

Deuteranopia

222.3120, 16.9170, 7.2930



Tritanopia

222.8050, 14.2110, 12.2830

Trichromacy



Original Color

222.0130, 16.3210, 7.0810

Protanomaly

221.3000, 8.0230, 3.2790

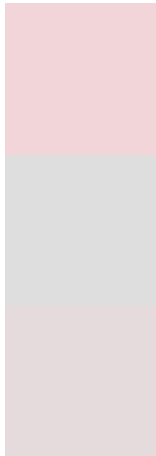
Deuteranomaly

222.3120, 16.9170, 7.2930

Tritanomaly

222.6370, 14.6240, 10.3040

Monochromacy



Original Color

222.0130, 16.3210, 7.0810

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.1040, 5.6390, 2.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.0130, 16.3210, 7.0810 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(242, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 213, 216)  
}
```

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(242, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 213, 216) }
```

Border

The CSS property to change the border of an element to YIQ 222.0130, 16.3210, 7.0810 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(242, 213, 216) }
```


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

```
.border{ border-color:rgb(242, 213, 216) }
```

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

Here you see how a box with a 4 pixel rgb(242, 213, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 213,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 222.0130, 16.3210, 7.0810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 213, 216) }
```

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

```
.background{ background-color: rgb(242,  
213, 216) }
```

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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