

Converting Colors

YIQ(220.8120, 21.5010, 12.3250)

Have a look what the booklet for
YIQ(220.8120, 21.5010, 12.3250)
contains.

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Color

**YIQ(220.8120, 21.5010,
12.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CFDA
RGB	249, 207, 218
RGB Percent	98%, 81%, 85%
CMY	0.0234, 0.1883, 0.1450
CMYK	0.00, 0.17, 0.12, 0.02
HSL	344°, 78%, 89%
HSV	344°, 17%, 98%
XYZ	74.0426, 69.8248, 75.9182
YIQ	220.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

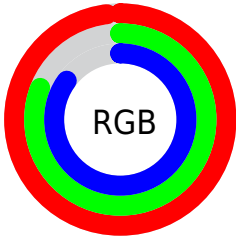
Format	Color
R _Y B	249, 207, 218
Decimal	16371674
CIE Lab	86.91, 16.48, 0.08
CIE LCh	87, 16.482, 0.295
Yxy	69.8248, 0.3369, 0.3177
Android (android.graphics.Color)	4294561754 (0xFFF9CFDA)
YUV	220.8120, -1.3863, 24.7209
Hunter-Lab	83.5613, 11.9345, 4.6259

Details

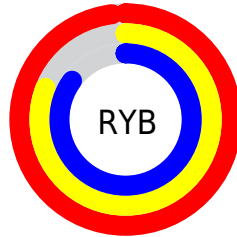
The YIQ color **220.8120, 21.5010, 12.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **235.1880, -21.5010, -12.3250**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **165.8010, 20.0340, 11.3780** is the 20% darker color. If you saturate the color by 10%, you get **204.0850, 34.1540, 19.8020**, and if you desaturate by 10%, it is **237.5390, 8.8480, 4.8480**.

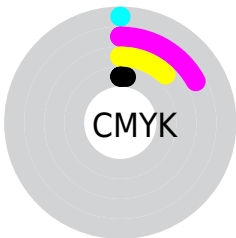
Distribution



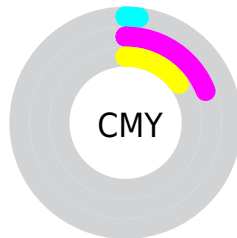
- Red (98%)
- Green (81%)
- Blue (85%)



- Red (98%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (2%)



- Cyan (2%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.8120, 21.5010, 12.3250 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 220.8120, 21.5010, 12.3250 by changing the saturation by 10% instead.

220.8120, 21.5010,
12.3250

220.8120, 21.5010,
12.3250

255.0000, -0.0000,
-0.0000

192.5130, 20.9050,
12.1130

165.8010, 20.0340,
11.3780

138.9150, 19.7130,
11.6890

113.3170, 18.5210,
11.2650

88.6050, 17.6500,
10.5300

65.0070, 16.4580,
10.1060

42.4090, 15.2660,

9.6820

■ 21.2240, 14.3490,
9.7810

■ 2.3920, 4.7680,
1.6960

■ 220.8120, 21.5010,
12.3250

■ 220.8120, 21.5010,
12.3250

■ 204.0850, 34.1540,
19.8020

■ 237.5390, 8.8480,
4.8480

■ 187.2440, 47.1280,
26.9680

■ 253.2060, -3.5760,
-1.2720

■ 170.5170, 59.7810,
34.4450

■ 153.7900, 72.4340,
41.9220

■ 136.9490, 85.4080,
49.0880

■ 120.8090, 97.7860,
56.0420

■ 103.9680,
110.7600, 63.2080

■ 87.2410, 123.4130,
70.6850

■ 81.8610, 127.5390,
73.0030

Harmonies

Analogous

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



220.4070, 9.5800, 13.6120



220.8120, 21.5010, 12.3250



220.2870, 27.2330, 7.5610

Triad

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



220.8120, 21.5010, 12.3250



215.6610, 4.9080, -11.8600



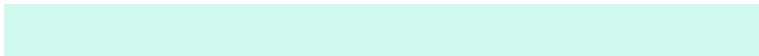
214.0320, -29.3890, -1.5250

Complementary

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



220.8120, 21.5010, 12.3250



235.1880, -21.5010, -12.3250

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.



212.1470, -31.4510, -8.2110



220.8120, 21.5010, 12.3250



213.4080, -10.4970, -13.5130

Square

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



220.8120, 21.5010, 12.3250



217.4670, 17.3780, -6.5740



212.4050, -23.6100, -12.6500



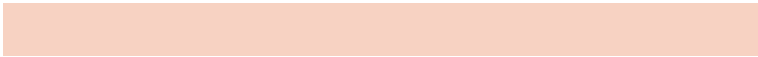
217.0380, -20.3580, 5.5140

Rectangle

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



220.8120, 21.5010, 12.3250



219.2390, 27.1880, 2.8680



212.4050, -23.6100, -12.6500



213.6680, -31.3600, -4.3520

Sweetspot

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



220.8120, 21.5010, 12.3250



246.3430, 6.4640, 4.0000



221.0570, 4.9940, 19.6340



122.6200, 4.1260, 2.3180



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.



220.8120, 21.5010, 12.3250



220.7310, 26.2230, 14.8550



225.4280, 22.2820, 3.6740



116.3430, 6.4640, 4.0000



62.2110, 96.5940, 55.6180



20.0630, 31.2200, 17.9080

Inverse Universe

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



220.8120, 21.5010, 12.3250



220.7310, 26.2230, 14.8550



230.5720, -22.2820, -3.6740



116.3430, 6.4640, 4.0000



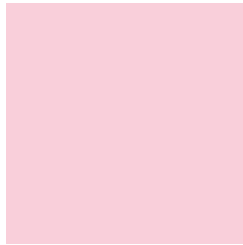
62.2110, 96.5940, 55.6180



20.0630, 31.2200, 17.9080

Previews

White Background



This preview shows how the YIQ color 220.8120, 21.5010, 12.3250 looks on a white background.

Color Contrast Check

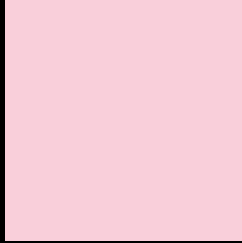
Large Text (above 18pt) WCAG AA × Fail

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 220.8120, 21.5010, 12.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

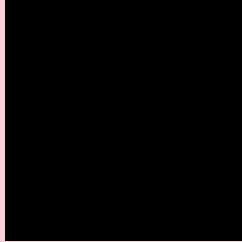
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.8120, 21.5010, 12.3250

Background



This preview shows how black text looks on a background with the YIQ color 220.8120, 21.5010, 12.3250.



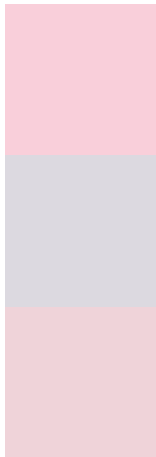
This preview shows how white text looks on a background with the YIQ color 220.8120, 21.5010,

12.3250.

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

220.8120, 21.5010, 12.3250

Protanopia

218.6950, -0.4590, 2.8130

Deuteranopia

220.0560, 14.7620, 7.8020



Tritanopia

220.9800, 21.0880, 14.3040

Trichromacy



Original Color

220.8120, 21.5010, 12.3250

Protanomaly

219.4080, 7.8390, 6.6150

Deuteranomaly

220.6650, 17.4210, 9.1730

Tritanomaly

220.8660, 21.4090, 13.9930

Monochromacy



Original Color

220.8120, 21.5010, 12.3250

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9410, 7.6560, 4.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.8120, 21.5010, 12.3250 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(249, 207, 218)` looks like.

```
.text, #text, p{  
    color:rgb(249, 207, 218)  
}
```

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(249, 207, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 207, 218) }
```

Border

The CSS property to change the border of an element to YIQ 220.8120, 21.5010, 12.3250 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(249, 207, 218) }
```


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

```
.border{ border-color:rgb(249, 207, 218) }
```

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

Here you see how a box with a 4 pixel rgb(249, 207, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 207, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 207, 218);  
box-shadow:4px 4px 4px 4px rgb(249, 207,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 220.8120, 21.5010, 12.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 207, 218) }
```

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

```
.background{ background-color: rgb(249,  
207, 218) }
```

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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