

Converting Colors

YIQ(214.9790, 22.8290, 21.3010)

Have a look what the booklet for
YIQ(214.9790, 22.8290, 21.3010)
contains.

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Color

**YIQ(214.9790, 22.8290,
21.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC3E2
RGB	250, 195, 226
RGB Percent	98%, 76%, 89%
CMY	0.0195, 0.2354, 0.1137
CMYK	0.00, 0.22, 0.10, 0.02
HSL	326°, 85%, 87%
HSV	326°, 22%, 98%
XYZ	72.6778, 64.8429, 80.6491
YIQ	214.9790, 22.8290, 21.3010

Conversions

Conversions Part 2

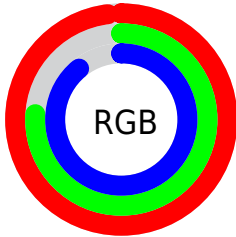
Format	Color
R _Y B	250, 195, 226
Decimal	16434146
CIE Lab	84.40, 24.45, -7.85
CIE LCh	84, 25.678, 342.201
Yxy	64.8429, 0.3331, 0.2972
Android (android.graphics.Color)	4294624226 (0xFFFA3E2)
YUV	214.9790, 5.4334, 30.7134
Hunter-Lab	80.5251, 20.1861, -3.0138

Details

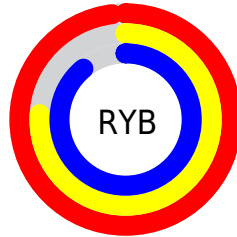
The YIQ color $214.9790, 22.8290, 21.3010$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $230.0210, -22.8290, -21.3010$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $159.9680, 21.3620, 20.3540$ is the 20% darker color. If you saturate the color by 10%, you get $199.0500, 33.2350, 30.9550$, and if you desaturate by 10%, it is $230.9080, 12.4230, 11.6470$.

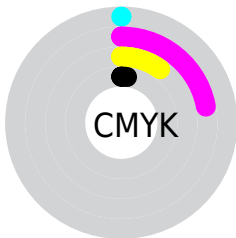
Distribution



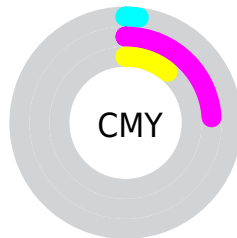
- Red (98%)
- Green (76%)
- Blue (89%)



- Red (98%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 214.9790, 22.8290, 21.3010 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 214.9790, 22.8290, 21.3010 by changing the saturation by 10% instead.

 214.9790, 22.8290,
21.3010

 214.9790, 22.8290,
21.3010


255.0000, -0.0000,
-0.0000


 187.2670, 21.9580,
20.5660


 253.2390, 0.8250,
1.5690

 159.9680, 21.3620,
20.3540

 133.2560, 20.4910,
19.6190

 107.9570, 19.8950,
19.4070

 83.2450, 19.0240,
18.6720

 59.5330, 18.1530,
17.9370

 36.6360, 16.3650,

17.3010

■ 15.3370, 15.7690,
17.0890

■ 0.2990, 0.5960,
0.2120

■ 214.9790, 22.8290,
21.3010

■ 214.9790, 22.8290,
21.3010

■ 199.0500, 33.2350,
30.9550

■ 230.9080, 12.4230,
11.6470

■ 183.1210, 43.6410,
40.6090

■ 246.8370, 2.0170,
1.9930

■ 167.1920, 54.0470,
50.2630

■ 253.5050, -2.9800,
-1.0600

■ 151.2630, 64.4530,
59.9170

■ 135.3340, 74.8590,
69.5710

■ 119.5190, 84.9440,
79.5360

■ 103.5900, 95.3500,
89.1900

■ 90.8240, 103.7390,
96.8510

Harmonies

Analogous

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



214.0180, 0.7300, 19.8180



214.9790, 22.8290, 21.3010



212.4500, 34.3840, 15.6320

Triad

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



214.9790, 22.8290, 21.3010



208.5070, 19.9010, -13.7550



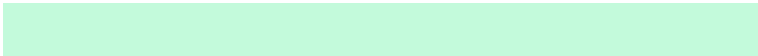
200.9580, -52.9080, -10.3160

Complementary

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



214.9790, 22.8290, 21.3010



230.0210, -22.8290, -21.3010

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.



200.8090, -45.4790, -18.3030



214.9790, 22.8290, 21.3010



205.4980, -2.2430, -19.9310

Square

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



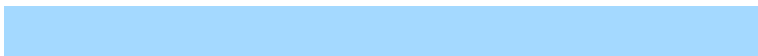
214.9790, 22.8290, 21.3010



210.9160, 35.1670, -4.0730



202.4660, -25.5800, -21.0040



205.4850, -43.7860, 0.5820

Rectangle

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



214.9790, 22.8290, 21.3010



211.9140, 38.6490, 9.9210



202.4660, -25.5800, -21.0040



200.1490, -52.1280, -13.4400

Sweetspot

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



214.9790, 22.8290, 21.3010



243.5220, 7.5180, 6.9260



208.4460, -3.3510, 22.1930



120.9730, 4.6300, 4.1980



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.



214.9790, 22.8290, 21.3010



212.9520, 27.4590, 25.4990



211.9010, 31.4960, 12.9040



116.6850, 5.5010, 4.9330



68.5950, 78.6180, 73.0340



22.1150, 25.4420, 23.5060

Inverse Universe

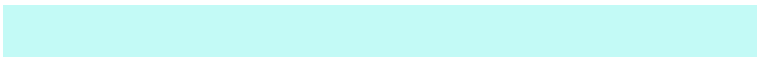
The Inverse Universe completely reimagines the original color for something new.



214.9790, 22.8290, 21.3010



212.9520, 27.4590, 25.4990



233.0990, -31.4960, -12.9040



116.6850, 5.5010, 4.9330



68.5950, 78.6180, 73.0340



22.1150, 25.4420, 23.5060

Previews

White Background



This preview shows how the YIQ color 214.9790, 22.8290, 21.3010 looks on a white background.

Color Contrast Check

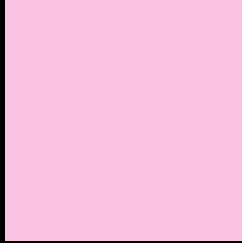
Large Text (above 18pt) WCAG AA × Fail

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 214.9790, 22.8290, 21.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

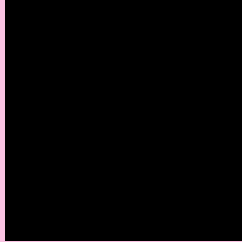
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.9790, 22.8290, 21.3010

Background



This preview shows how black text looks on a background with the YIQ color 214.9790, 22.8290, 21.3010.



This preview shows how white text looks on a background with the YIQ color 214.9790, 22.8290,

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

214.9790, 22.8290, 21.3010

Protanopia

211.6650, -8.9420, 7.8740

Deuteranopia

213.1460, 5.8210, 10.1490



Tritanopia

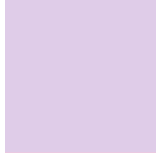
214.0730, 25.2600, 15.7880

Trichromacy



Original Color

214.9790, 22.8290, 21.3010



Protanomaly

212.8730, 2.3360, 12.7360



Deuteranomaly

213.6030, 11.9640, 14.4600



Tritanomaly

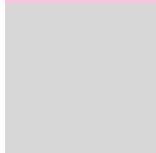
214.3550, 24.5260, 18.0780

Monochromacy



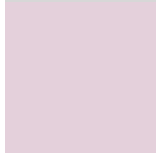
Original Color

214.9790, 22.8290, 21.3010



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

215.2340, 8.3890, 7.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.9790, 22.8290, 21.3010 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, 195, 226)` looks like.

```
.text, #text, p{  
    color:rgb(250, 195, 226)  
}
```

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, 195, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 195, 226) }
```

Border

The CSS property to change the border of an element to YIQ 214.9790, 22.8290, 21.3010 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, 195, 226) }
```


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

```
.border{ border-color:rgb(250, 195, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 195, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 195, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 195, 226);  
box-shadow:4px 4px 4px 4px rgb(250, 195,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 214.9790, 22.8290, 21.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 195, 226) }
```

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

```
.background{ background-color: rgb(250,  
195, 226) }
```

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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