

Converting Colors

YIQ(223.9740, 21.2250, 17.3290)

Have a look what the booklet for
YIQ(223.9740, 21.2250, 17.3290)
contains.

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Color

**YIQ(223.9740, 21.2250,
17.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFE6
RGB	255, 207, 230
RGB Percent	100%, 81%, 90%
CMY	0.0000, 0.1883, 0.0980
CMYK	0.00, 0.19, 0.10, 0.00
HSL	331°, 100%, 91%
HSV	331°, 19%, 100%
XYZ	77.8333, 71.5900, 84.5914
YIQ	223.9740, 21.2250, 17.3290

Conversions

Conversions Part 2

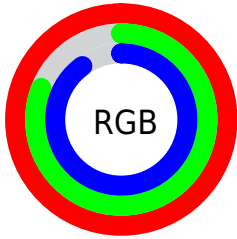
Format	Color
R _Y B	255, 207, 230
Decimal	16764902
CIE Lab	87.77, 20.50, -4.94
CIE LCh	88, 21.084, 346.439
Yxy	71.5900, 0.3326, 0.3059
Android (android.graphics.Color)	4294954982 (0xFFFFCFE6)
YUV	223.9740, 2.9708, 27.2098
Hunter-Lab	84.6109, 16.1325, -0.0487

Details

The YIQ color $223.9740, 21.2250, 17.3290$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $238.0260, -21.2250, -17.3290$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.3760, 20.0330, 16.9050$ is the 20% darker color. If you saturate the color by 10%, you get $207.2300, 32.5480, 26.8840$, and if you desaturate by 10%, it is $240.1310, 10.1770, 8.2970$.

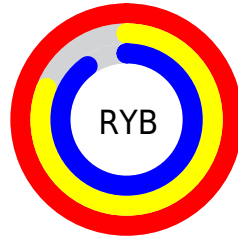
Distribution



Red (100%)

Green (81%)

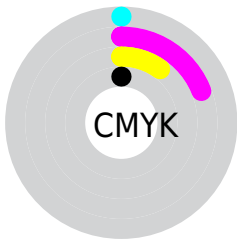
Blue (90%)



Red (100%)

Yellow (81%)

Blue (90%)

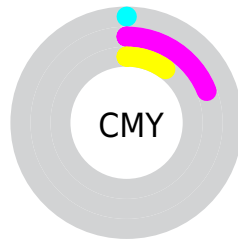


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 223.9740, 21.2250, 17.3290 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 223.9740, 21.2250, 17.3290 by changing the saturation by 10% instead.


 223.9740, 21.2250,
17.3290


 223.9740, 21.2250,
17.3290

255.0000, -0.0000,
-0.0000


 195.6750, 20.6290,
17.1170

 168.3760, 20.0330,
16.9050

 141.6640, 19.1620,
16.1700

 115.9520, 18.2910,
15.4350

 91.2400, 17.4200,
14.7000

 67.6420, 16.2280,
14.2760

 44.3430, 15.6320,

14.0640

■ 22.7450, 14.4400,
13.6400

■ 6.9200, 12.1490,
5.5970

■ 223.9740, 21.2250,
17.3290

■ 223.9740, 21.2250,
17.3290

■ 207.2300, 32.5480,
26.8840

■ 240.1310, 10.1770,
8.2970

■ 190.9590, 43.9170,
35.6050

255.0000, -0.0000,
-0.0000

■ 174.2150, 55.2400,
45.1600

■ 158.0580, 66.2880,
54.1920

■ 141.3140, 77.6110,
63.7470

■ 125.0430, 88.9800,
72.4680

■ 108.2990,
100.3030, 82.0230

■ 92.1420, 111.3510,
91.0550

■ 90.1530, 112.8180,
92.0020

Harmonies

Analogous

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



222.9920, 3.6190, 17.0190



223.9740, 21.2250, 17.3290



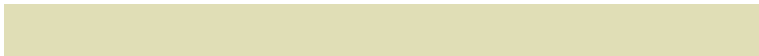
221.1070, 27.9200, 11.6320

Triad

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



223.9740, 21.2250, 17.3290



218.0380, 14.0320, -12.0160



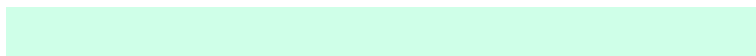
213.5250, -41.2630, -6.5990

Complementary

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



223.9740, 21.2250, 17.3290



238.0260, -21.2250, -17.3290

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.



212.7500, -37.8230, -13.8790



223.9740, 21.2250, 17.3290



215.8230, -4.5360, -16.9200

Square

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



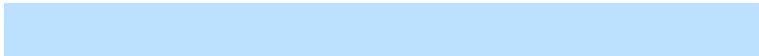
223.9740, 21.2250, 17.3290



220.4960, 27.6020, -4.6380



213.3570, -23.6550, -17.3430



217.0580, -32.2780, 1.2740

Rectangle

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



223.9740, 21.2250, 17.3290



220.7990, 31.5430, 6.5430



213.3570, -23.6550, -17.3430



213.2320, -41.9960, -9.8360

Sweetspot

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



223.9740, 21.2250, 17.3290



245.2830, 6.6930, 5.3570



219.9470, -0.5080, 20.2280



122.1470, 4.0800, 3.1520



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.



223.9740, 21.2250, 17.3290



216.8330, 26.1760, 21.2160



221.9390, 28.3330, 9.6530



119.5710, 5.8220, 4.6220



67.5970, 84.3040, 69.1040



22.6700, 28.1930, 23.2090

Inverse Universe

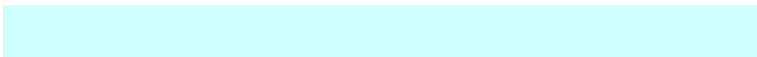
The Inverse Universe completely reimagines the original color for something new.



223.9740, 21.2250, 17.3290



216.8330, 26.1760, 21.2160



240.0610, -28.3330, -9.6530



119.5710, 5.8220, 4.6220



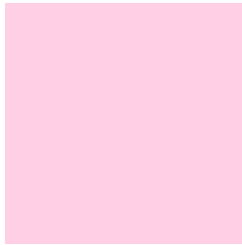
67.5970, 84.3040, 69.1040



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 223.9740, 21.2250, 17.3290 looks on a white background.

Color Contrast Check

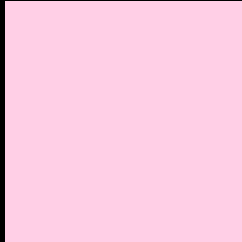
Large Text (above 18pt) WCAG AA × Fail

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 223.9740, 21.2250, 17.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

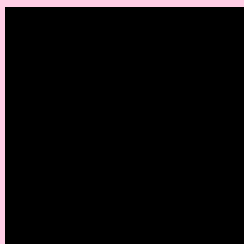
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.9740, 21.2250, 17.3290

Background



This preview shows how black text looks on a background with the YIQ color 223.9740, 21.2250, 17.3290.



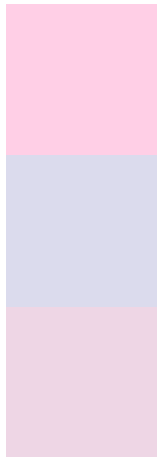
This preview shows how white text looks on a background with the YIQ color 223.9740, 21.2250,

17.3290.

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

223.9740, 21.2250, 17.3290

Protanopia

221.0520, -5.7780, 5.5980

Deuteranopia

222.8860, 9.4890, 9.7530



Tritanopia

223.5780, 22.2800, 14.7280

Trichromacy



Original Color

223.9740, 21.2250, 17.3290

Protanomaly

222.2490, 4.0330, 9.5130

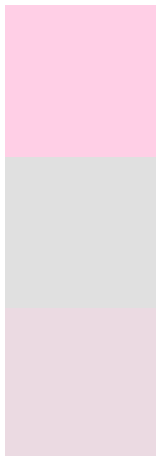
Deuteranomaly

222.9190, 13.8900, 12.5940

Tritanomaly

223.8060, 21.6380, 15.3500

Monochromacy



Original Color

223.9740, 21.2250, 17.3290

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.9950, 7.5640, 6.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.9740, 21.2250, 17.3290 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(255, 207, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 230)  
}
```

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(255, 207, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 230) }
```

Border

The CSS property to change the border of an element to YIQ 223.9740, 21.2250, 17.3290 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(255, 207, 230) }
```


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

```
.border{ border-color:rgb(255, 207, 230) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 223.9740, 21.2250, 17.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 230) }
```

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

```
.background{ background-color: rgb(255,  
207, 230) }
```

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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