

Converting Colors

YIQ(221.8710, 23.0130, 17.9650)

Have a look what the booklet for
YIQ(221.8710, 23.0130, 17.9650)
contains.

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Color

**YIQ(221.8710, 23.0130,
17.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCE3
RGB	255, 204, 227
RGB Percent	100%, 80%, 89%
CMY	0.0000, 0.2001, 0.1097
CMYK	0.00, 0.20, 0.11, 0.00
HSL	333°, 100%, 90%
HSV	333°, 20%, 100%
XYZ	76.6955, 69.9827, 82.1523
YIQ	221.8710, 23.0130, 17.9650

Conversions

Conversions Part 2

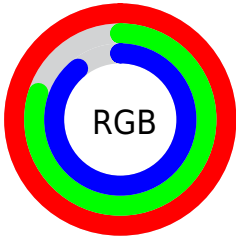
Format	Color
R _Y B	255, 204, 227
Decimal	16764131
CIE Lab	86.99, 21.58, -4.51
CIE LCh	87, 22.044, 348.198
Yxy	69.9827, 0.3352, 0.3058
Android (android.graphics.Color)	4294954211 (0xFFFFCCE3)
YUV	221.8710, 2.5286, 29.0541
Hunter-Lab	83.6556, 17.2515, 0.3344

Details

The YIQ color **221.8710, 23.0130, 17.9650** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **237.1290, -23.0130, -17.9650**, 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 **166.8600, 21.5460, 17.0180** is the 20% darker color. If you saturate the color by 10%, you get **205.0130, 34.6570, 27.2090**, and if you desaturate by 10%, it is **238.1420, 11.6440, 9.2440**.

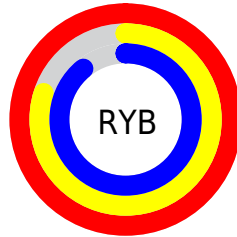
Distribution



Red (100%)

Green (80%)

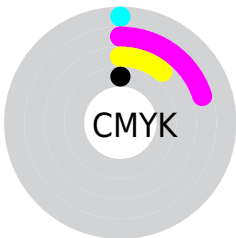
Blue (89%)



Red (100%)

Yellow (80%)

Blue (89%)

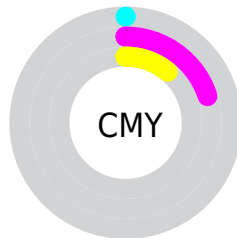


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 221.8710, 23.0130, 17.9650 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 221.8710, 23.0130, 17.9650 by changing the saturation by 10% instead.


 221.8710, 23.0130,
17.9650


 221.8710, 23.0130,
17.9650


255.0000, -0.0000,
-0.0000


 193.5720, 22.4170,
17.7530

 166.8600, 21.5460,
17.0180

 140.1480, 20.6750,
16.2830

 113.9630, 19.7580,
16.3820

 89.2510, 18.8870,
15.6470

 65.5390, 18.0160,
14.9120

 42.9410, 16.8240,

14.4880

■ 20.4570, 15.3110,
14.3750

■ 5.9800, 11.9200,
4.2400

■ 221.8710, 23.0130,
17.9650

■ 221.8710, 23.0130,
17.9650

■ 205.0130, 34.6570,
27.2090

■ 238.1420, 11.6440,
9.2440

■ 188.7420, 46.0260,
35.9300

255.0000, -0.0000,
-0.0000

■ 171.8840, 57.6700,
45.1740

■ 155.6130, 69.0390,
53.8950

■ 138.7550, 80.6830,
63.1390

■ 122.4840, 92.0520,
71.8600

■ 105.6260,
103.6960, 81.1040

■ 89.3550, 115.0650,
89.8250

Harmonies

Analogous

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



221.0030, 5.0860, 17.9660



221.8710, 23.0130, 17.9650



219.4770, 29.7540, 11.4340

Triad

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



221.8710, 23.0130, 17.9650



216.0980, 13.8030, -13.3730



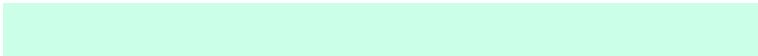
210.8560, -43.6930, -6.6130

Complementary

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



221.8710, 23.0130, 17.9650



237.1290, -23.0130, -17.9650

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.



209.6680, -40.5280, -14.4160



221.8710, 23.0130, 17.9650



213.1110, -5.4070, -17.6550

Square

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



221.8710, 23.0130, 17.9650



218.1540, 28.5650, -5.5710



210.5740, -25.7640, -17.6680



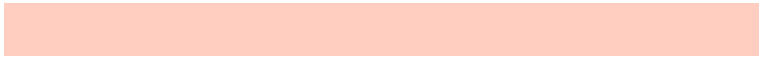
214.4000, -33.2410, 2.2070

Rectangle

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



221.8710, 23.0130, 17.9650



219.1690, 33.3770, 6.3450



210.5740, -25.7640, -17.6680



210.5630, -44.4260, -9.8500

Sweetspot

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



221.8710, 23.0130, 17.9650



245.2830, 6.6930, 5.3570



217.8870, -0.2790, 21.5850



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.



221.8710, 23.0130, 17.9650



215.3170, 27.6890, 21.3290



220.4230, 29.8460, 9.7660



119.5710, 5.8220, 4.6220



66.9130, 86.2300, 67.2380



22.4420, 28.8350, 22.5870

Inverse Universe

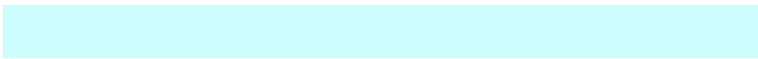
The Inverse Universe completely reimagines the original color for something new.



221.8710, 23.0130, 17.9650



215.3170, 27.6890, 21.3290



238.5770, -29.8460, -9.7660



119.5710, 5.8220, 4.6220



66.9130, 86.2300, 67.2380



22.4420, 28.8350, 22.5870

Previews

White Background



This preview shows how the YIQ color 221.8710, 23.0130, 17.9650 looks on a white background.

Color Contrast Check

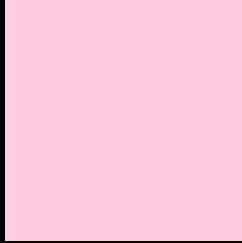
Large Text (above 18pt) WCAG AA × Fail

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 221.8710, 23.0130, 17.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

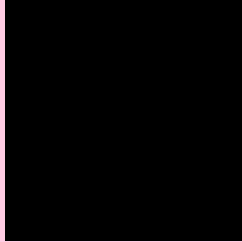
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.8710, 23.0130, 17.9650

Background



This preview shows how black text looks on a background with the YIQ color 221.8710, 23.0130, 17.9650.



This preview shows how white text looks on a background with the YIQ color 221.8710, 23.0130,

17.9650.

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

221.8710, 23.0130, 17.9650

Protanopia

219.0520, -5.7780, 5.5980

Deuteranopia

220.1850, 10.0850, 9.9650



Tritanopia

221.4750, 24.0680, 15.3640

Trichromacy



Original Color

221.8710, 23.0130, 17.9650

Protanomaly

219.9610, 4.9040, 10.2480

Deuteranomaly

220.5170, 15.0820, 13.0180

Tritanomaly

221.7030, 23.4260, 15.9860

Monochromacy



Original Color

221.8710, 23.0130, 17.9650

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.7070, 8.4350, 6.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.8710, 23.0130, 17.9650 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, 204, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 227)  
}
```

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, 204, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 227) }
```

Border

The CSS property to change the border of an element to YIQ 221.8710, 23.0130, 17.9650 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, 204, 227) }
```


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

```
.border{ border-color:rgb(255, 204, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 221.8710, 23.0130, 17.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 227) }
```

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

```
.background{ background-color: rgb(255,  
204, 227) }
```

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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