

Converting Colors

YIQ(224.2190, 21.9130, 15.8730)

Have a look what the booklet for
YIQ(224.2190, 21.9130, 15.8730)
contains.

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Color

**YIQ(224.2190, 21.9130,
15.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0E3
RGB	255, 208, 227
RGB Percent	100%, 82%, 89%
CMY	0.0000, 0.1844, 0.1097
CMYK	0.00, 0.18, 0.11, 0.00
HSL	336°, 100%, 91%
HSV	336°, 18%, 100%
XYZ	77.6587, 71.9092, 82.4732
YIQ	224.2190, 21.9130, 15.8730

Conversions

Conversions Part 2

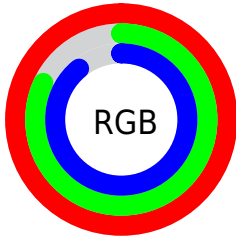
Format	Color
R _Y B	255, 208, 227
Decimal	16765155
CIE Lab	87.92, 19.48, -3.13
CIE LCh	88, 19.732, 350.871
Yxy	71.9092, 0.3347, 0.3099
Android (android.graphics.Color)	4294955235 (0xFFFFD0E3)
YUV	224.2190, 1.3710, 26.9949
Hunter-Lab	84.7993, 15.0706, 1.6959

Details

The YIQ color **224.2190, 21.9130, 15.8730** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **238.7810, -21.9130, -15.8730**, 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 **168.6210, 20.7210, 15.4490** is the 20% darker color. If you saturate the color by 10%, you get **207.2470, 33.8780, 24.8060**, and if you desaturate by 10%, it is **240.6040, 10.2230, 7.4630**.

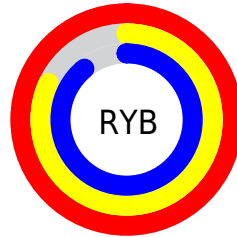
Distribution



Red (100%)

Green (82%)

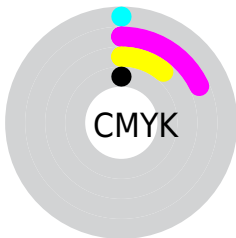
Blue (89%)



Red (100%)

Yellow (82%)

Blue (89%)

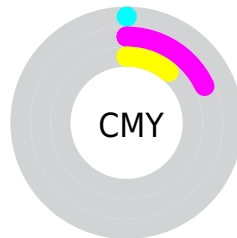


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.2190, 21.9130, 15.8730 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 224.2190, 21.9130, 15.8730 by changing the saturation by 10% instead.

224.2190, 21.9130,
15.8730

224.2190, 21.9130,
15.8730

255.0000, -0.0000,
-0.0000

195.9200, 21.3170,
15.6610

168.6210, 20.7210,
15.4490

141.9090, 19.8500,
14.7140

116.3110, 18.6580,
14.2900

91.5990, 17.7870,
13.5550

67.3000, 17.1910,
13.3430

44.7020, 15.9990,

12.9190

■ 23.1040, 14.8070,
12.4950

■ 6.8770, 13.7080,
4.8760

■ 224.2190, 21.9130,
15.8730

■ 224.2190, 21.9130,
15.8730

■ 207.2470, 33.8780,
24.8060

■ 240.6040, 10.2230,
7.4630

■ 190.8620, 45.5680,
33.2160

255.0000, -0.0000,
-0.0000

■ 173.7760, 57.8540,
41.8380

■ 157.3910, 69.5440,
50.2480

■ 140.4190, 81.5090,
59.1810

■ 124.0340, 93.1990,
67.5910

■ 107.0620,
105.1640, 76.5240

■ 90.6770, 116.8540,
84.9340

■ 87.9870, 118.9170,
86.0930

Harmonies

Analogous

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



223.7210, 5.8200, 15.6760



224.2190, 21.9130, 15.8730



222.0530, 28.0120, 9.9640

Triad

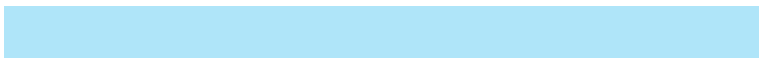
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.2190, 21.9130, 15.8730



218.0700, 11.0060, -12.2420



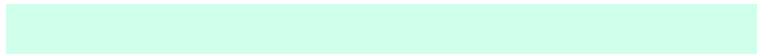
215.1340, -38.6040, -5.2280

Complementary

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



224.2190, 21.9130, 15.8730



238.7810, -21.9130, -15.8730

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.



213.2880, -36.4020, -12.0980



224.2190, 21.9130, 15.8730



215.9800, -6.4160, -15.8880

Square

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



224.2190, 21.9130, 15.8730



220.4140, 24.8970, -5.1750



214.1120, -24.3430, -15.8870



218.2650, -28.4270, 3.0690

Rectangle

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



224.2190, 21.9130, 15.8730



221.9730, 30.9930, 5.4970



214.1120, -24.3430, -15.8870



214.2540, -39.0620, -7.9420

Sweetspot

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



224.2190, 21.9130, 15.8730



245.1690, 7.0140, 5.0460



221.4310, 1.0050, 20.3410



122.0330, 4.4010, 2.8410



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.



224.2190, 21.9130, 15.8730



218.3660, 25.9930, 19.0250



224.4010, 26.9120, 7.8720



119.4570, 6.1430, 4.3110



65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Inverse Universe

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



224.2190, 21.9130, 15.8730



218.3660, 25.9930, 19.0250



238.5990, -26.9120, -7.8720



119.4570, 6.1430, 4.3110



65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 224.2190, 21.9130, 15.8730 looks on a white background.

Color Contrast Check

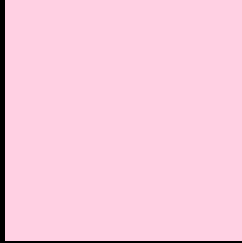
Large Text (above 18pt) WCAG AA × Fail

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 224.2190, 21.9130, 15.8730 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 224.2190, 21.9130, 15.8730

Background



This preview shows how black text looks on a background with the YIQ color 224.2190, 21.9130, 15.8730.



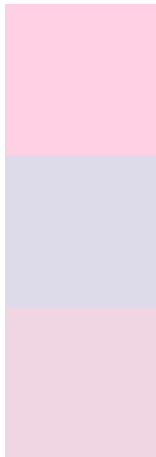
This preview shows how white text looks on a background with the YIQ color 224.2190, 21.9130,

15.8730.

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

224.2190, 21.9130, 15.8730

Protanopia

221.3080, -3.6230, 5.0890

Deuteranopia

223.1420, 11.6440, 9.2440



Tritanopia

223.9910, 22.5550, 15.2510

Trichromacy



Original Color

224.2190, 21.9130, 15.8730

Protanomaly

222.2060, 5.5920, 8.7920

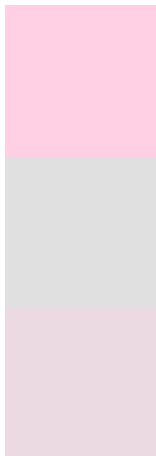
Deuteranomaly

223.4630, 15.1740, 11.3500

Tritanomaly

224.1050, 22.2340, 15.5620

Monochromacy



Original Color

224.2190, 21.9130, 15.8730

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.8810, 7.8850, 5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.2190, 21.9130, 15.8730 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, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 227) }
```

Border

The CSS property to change the border of an element to YIQ 224.2190, 21.9130, 15.8730 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, 208, 227) }
```


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

```
.border{ border-color:rgb(255, 208, 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, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 224.2190, 21.9130, 15.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 227) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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