

Converting Colors

YIQ(220.4980, 17.2340, 29.0900)

Have a look what the booklet for
YIQ(220.4980, 17.2340, 29.0900)
contains.

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Color

**YIQ(220.4980, 17.2340,
29.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5FB
RGB	255, 197, 251
RGB Percent	100%, 77%, 98%
CMY	0.0000, 0.2275, 0.0157
CMYK	0.00, 0.23, 0.02, 0.00
HSL	304°, 100%, 89%
HSV	304°, 23%, 100%
XYZ	78.6144, 68.1470, 100.2826
YIQ	220.4980, 17.2340, 29.0900

Conversions

Conversions Part 2

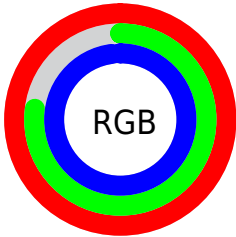
Format	Color
R _Y B	255, 197, 251
Decimal	16762363
CIE Lab	86.08, 29.34, -18.59
CIE LCh	86, 34.737, 327.646
Yxy	68.1470, 0.3182, 0.2758
Android (android.graphics.Color)	4294952443 (0xFFFFC5FB)
YUV	220.4980, 15.0375, 30.2583
Hunter-Lab	82.5512, 25.5230, -14.2393

Details

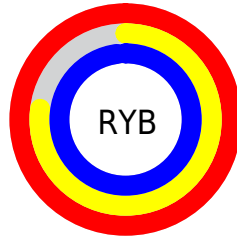
The YIQ color $220.4980, 17.2340, 29.0900$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $231.5020, -17.2340, -29.0900$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2750, 0.5230$, and $165.2590, 16.4090, 27.5210$ is the 20% darker color. If you saturate the color by 10%, you get $205.0080, 25.0260, 42.0660$, and if you desaturate by 10%, it is $235.4010, 9.7170, 16.6370$.

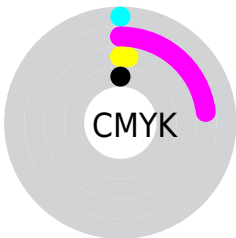
Distribution



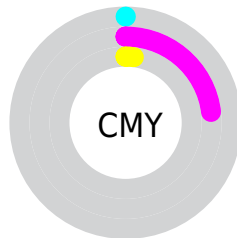
- Red (100%)
- Green (77%)
- Blue (98%)



- Red (100%)
- Yellow (77%)
- Blue (98%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 220.4980, 17.2340, 29.0900 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 220.4980, 17.2340, 29.0900 by changing the saturation by 10% instead.


 220.4980, 17.2340,
29.0900


 220.4980, 17.2340,
29.0900


255.0000, -0.0000,
-0.0000


 192.0850, 16.9590,
28.5670


254.4130, 0.2750,
0.5230

 165.2590, 16.4090,
27.5210

 138.5470, 15.5380,
26.7860

 112.8350, 14.6670,
26.0510

 87.4220, 14.3920,
25.5280

 63.2970, 13.2460,
24.2700

 39.9980, 12.6500,

24.0580

■ 18.1720, 12.1000,
23.0120

■ 7.8190, 2.4280,
11.0680

■ 220.4980, 17.2340,
29.0900

■ 220.4980, 17.2340,
29.0900

■ 205.0080, 25.0260,
42.0660

■ 235.4010, 9.7170,
16.6370

■ 190.1050, 32.5430,
54.5190

■ 250.8910, 1.9250,
3.6610

■ 174.7290, 40.0140,
67.8060

255.0000, -0.0000,
-0.0000

■ 159.8260, 47.5310,
80.2590

■ 144.3360, 55.3230,
93.2350

■ 129.4330, 62.8400,
105.6880

■ 114.0570, 70.3110,
118.9750

■ 103.2630, 75.9030,
127.7670

Harmonies

Analogous

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



216.0490, -9.7230, 16.5250



220.4980, 17.2340, 29.0900



213.3280, 29.1560, 22.2760

Triad

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



220.4980, 17.2340, 29.0900



213.6030, 37.1860, -13.1340



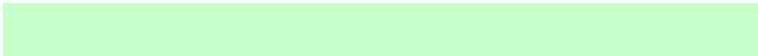
197.8900, -76.5640, -22.1320

Complementary

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



220.4980, 17.2340, 29.0900



231.5020, -17.2340, -29.0900

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.



200.2930, -53.1340, -28.2540



220.4980, 17.2340, 29.0900



210.5780, 11.9710, -24.2290

Square

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



220.4980, 17.2340, 29.0900



212.5860, 45.0240, -0.9920



205.9470, -19.9850, -28.7930



200.5800, -69.4590, -13.2270

Rectangle

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



220.4980, 17.2340, 29.0900



210.8200, 36.2180, 15.4340



205.9470, -19.9850, -28.7930



197.8320, -70.6490, -24.7050

Sweetspot

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



220.4980, 17.2340, 29.0900



244.3200, 5.2710, 9.1030



204.8080, -16.2340, 18.8860



121.4290, 3.3460, 5.4420



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.



220.4980, 17.2340, 29.0900



213.9270, 20.5800, 34.5320



217.1920, 26.5430, 20.0710



120.2550, 3.8960, 6.4880



77.4010, 56.6980, 95.8500



25.8620, 19.2050, 31.9170

Inverse Universe

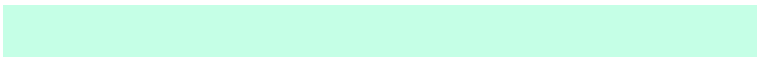
The Inverse Universe completely reimagines the original color for something new.



220.4980, 17.2340, 29.0900



213.9270, 20.5800, 34.5320



234.8080, -26.5430, -20.0710



120.2550, 3.8960, 6.4880



77.4010, 56.6980, 95.8500



25.8620, 19.2050, 31.9170

Previews

White Background



This preview shows how the YIQ color 220.4980, 17.2340, 29.0900 looks on a white background.

Color Contrast Check

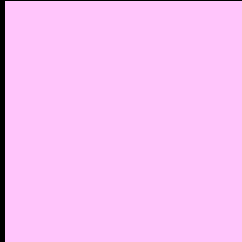
Large Text (above 18pt) WCAG AA × Fail

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 220.4980, 17.2340, 29.0900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

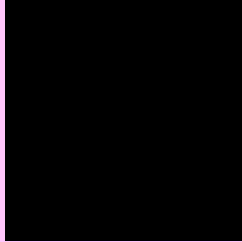
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.4980, 17.2340, 29.0900

Background



This preview shows how black text looks on a background with the YIQ color 220.4980, 17.2340, 29.0900.



This preview shows how white text looks on a background with the YIQ color 220.4980, 17.2340,

29.0900.

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

220.4980, 17.2340, 29.0900

Protanopia

216.5810, -17.3330, 11.2670

Deuteranopia

217.6210, -5.6420, 14.1500



Tritanopia

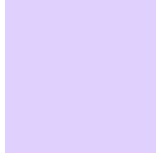
219.1760, 23.4720, 15.1520

Trichromacy



Original Color

220.4980, 17.2340, 29.0900



Protanomaly

218.0280, -5.2300, 17.6980



Deuteranomaly

218.3880, 2.5640, 19.6200



Tritanomaly

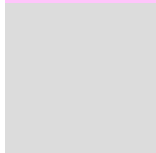
219.6690, 20.7660, 20.1420

Monochromacy



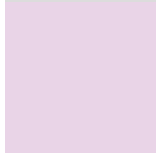
Original Color

220.4980, 17.2340, 29.0900



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

220.4450, 6.4170, 10.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.4980, 17.2340, 29.0900 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, 197, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 251)  
}
```

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, 197, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 251) }
```

Border

The CSS property to change the border of an element to YIQ 220.4980, 17.2340, 29.0900 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, 197, 251) }
```


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

```
.border{ border-color:rgb(255, 197, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 220.4980, 17.2340, 29.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 251) }
```

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

```
.background{ background-color: rgb(255,  
197, 251) }
```

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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