

Converting Colors

$Y_{xy}(69.8500, 0.3196, 0.2820)$

Have a look what the booklet for
Yxy(69.8500, 0.3196, 0.2820)
contains.

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Color

Yxy(69.8728, 0.3194, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9F9
RGB	255, 201, 249
RGB Percent	100%, 79%, 98%
CMY	0.0000, 0.2117, 0.0235
CMYK	0.00, 0.21, 0.02, 0.00
HSL	307°, 100%, 89%
HSV	307°, 21%, 100%
XYZ	79.2239, 69.8728, 98.9431
YIQ	222.6180, 16.7760, 26.3760

Conversions

Conversions Part 2

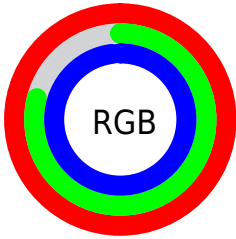
Format	Color
R _Y B	255, 201, 249
Decimal	16763385
CIE Lab	86.93, 26.87, -16.25
CIE LCh	87, 31.400, 328.844
Yxy	69.8728, 0.3194, 0.2817
Android (android.graphics.Color)	4294953465 (0xFFFFC9F9)
YUV	222.6180, 13.0063, 28.3990
Hunter-Lab	83.5900, 22.8942, -11.6669

Details

The Yxy color $69.8728, 0.3194, 0.2817$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.4370, 0.3066, 0.3814$, and the grayscale version is $73.4058, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.7235, 0.3203, 0.2714$ is the 20% darker color. If you saturate the color by 10%, you get $58.7823, 0.3231, 0.2590$, and if you desaturate by 10%, it is $82.9453, 0.3160, 0.3044$.

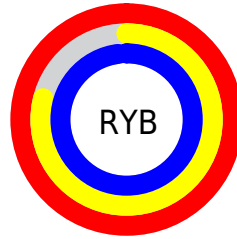
Distribution



Red (100%)

Green (79%)

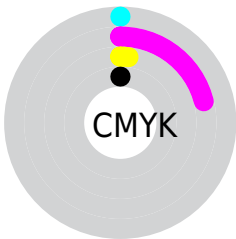
Blue (98%)



Red (100%)

Yellow (79%)

Blue (98%)

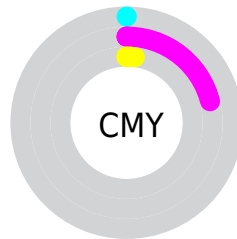


Cyan (0%)

Magenta (21%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8728, 0.3194, 0.2817 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 Yxy color 69.8728, 0.3194, 0.2817 by changing the saturation by 10% instead.

69.8728, 0.3194,
0.2817

69.8728, 0.3194,
0.2817

460.1033, 0.3167,
0.3029

51.4228, 0.3199,
0.2770

119.0273, 0.3185,
0.2889

36.5452, 0.3206,
0.2714

150.5007, 0.3182,
0.2917

24.8556, 0.3213,
0.2643

187.0840, 0.3178,
0.2942

15.9695, 0.3222,
0.2553

229.1616, 0.3176,
0.2964

9.5026, 0.3232,
0.2435

277.1180, 0.3173,
0.2983

5.0704, 0.3243,
0.2272

331.3374, 0.3171,


2.2886, 0.3253,


0.3000

0.2035

392.2044, 0.3169,
0.3015

 0.7677, 0.3255,
0.1654

 0.0000, 0.3032,
0.0000

 69.8728, 0.3194,
0.2817


 69.8728, 0.3194,
0.2817

 58.7823, 0.3231,
0.2590

 82.9453, 0.3160,
0.3044

 49.5674, 0.3272,
0.2372

 98.0814, 0.3130,
0.3265

 42.1255, 0.3315,
0.2171

99.9982, 0.3127,
0.3290

 36.3407, 0.3359,
0.1998

■ 32.0831, 0.3402,
0.1862

■ 29.2035, 0.3444,
0.1769

■ 27.5228, 0.3484,
0.1721

■ 26.7906, 0.3516,
0.1711

Harmonies

Analogous

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



69.8728, 0.2819, 0.2682



69.8728, 0.3194, 0.2817



69.8728, 0.3571, 0.3061

Triad

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



69.8728, 0.3194, 0.2817



69.8728, 0.3726, 0.3904



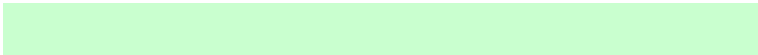
69.8728, 0.2469, 0.3148

Complementary

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



69.8728, 0.3194, 0.2817



88.4370, 0.3066, 0.3814

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.



69.8728, 0.2686, 0.3521



69.8728, 0.3194, 0.2817



69.8728, 0.3407, 0.3979

Square

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



69.8728, 0.3194, 0.2817



69.8728, 0.3887, 0.3671



69.8728, 0.3026, 0.3840



69.8728, 0.2420, 0.2847

Rectangle

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



69.8728, 0.3194, 0.2817



69.8728, 0.3764, 0.3260



69.8728, 0.3026, 0.3840



69.8728, 0.2524, 0.3270

Sweetspot

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



69.8759, 0.3194, 0.2817



90.5150, 0.3144, 0.3159



62.1768, 0.2806, 0.2705



19.1628, 0.3146, 0.3145



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.8759, 0.3194, 0.2817



65.4044, 0.3208, 0.2730



68.3418, 0.3389, 0.3072



18.2637, 0.3155, 0.3081



14.0138, 0.3510, 0.1707



1.3740, 0.3471, 0.1686

Inverse Universe

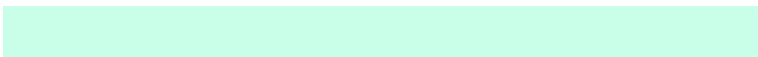
The Inverse Universe completely reimagines the original color for something new.



69.8759, 0.3194, 0.2817



65.4044, 0.3208, 0.2730



89.8386, 0.2923, 0.3520



18.2637, 0.3155, 0.3081



14.0138, 0.3510, 0.1707



1.3740, 0.3471, 0.1686

Previews

White Background



This preview shows how the Yxy color 69.8728, 0.3194, 0.2817 looks on a white background.

Color Contrast Check

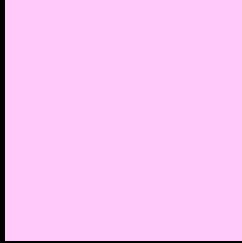
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 69.8728, 0.3194, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

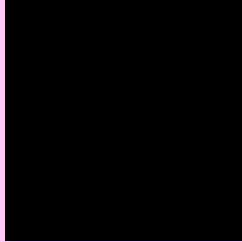
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.8728, 0.3194, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 69.8728, 0.3194, 0.2817.



This preview shows how white text looks on a background with the Yxy color 69.8728, 0.3194, 0.2817.

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

69.8728, 0.3194, 0.2817

Protanopia

70.0334, 0.2839, 0.2874

Deuteranopia

69.9711, 0.2995, 0.2923



Tritanopia

69.9258, 0.3356, 0.3127

Trichromacy



Original Color

69.8728, 0.3194, 0.2817



Protanomaly

69.8491, 0.2957, 0.2853



Deuteranomaly

69.8936, 0.3067, 0.2880



Tritanomaly

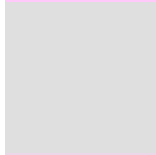
69.7074, 0.3292, 0.3007

Monochromacy



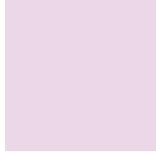
Original Color

69.8728, 0.3194, 0.2817



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

72.0892, 0.3157, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8728, 0.3194, 0.2817 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, 201, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 249)  
}
```

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, 201, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 249) }
```

Border

The CSS property to change the border of an element to Yxy 69.8728, 0.3194, 0.2817 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, 201, 249) }
```

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

```
.border{ border-color:rgb(255, 201, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8728, 0.3194, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 249) }
```

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

```
.background{ background-color: rgb(255,  
201, 249) }
```

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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