

Converting Colors

$Y_{xy}(73.9609, 0.3305, 0.2917)$

Have a look what the booklet for
Yxy(73.9609, 0.3305, 0.2917)
contains.

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Color

Yxy(71.9343, 0.3226, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEF4
RGB	255, 206, 244
RGB Percent	100%, 81%, 96%
CMY	0.0001, 0.1921, 0.0431
CMYK	0.00, 0.19, 0.04, 0.00
HSL	313°, 100%, 90%
HSV	313°, 19%, 100%
XYZ	79.6363, 71.9343, 95.2870
YIQ	224.9830, 17.0060, 22.2060

Conversions

Conversions Part 2

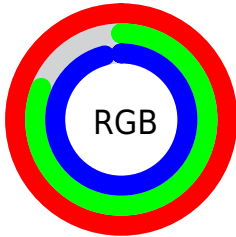
Format	Color
R_{YB}	255, 206, 244
Decimal	16764660
CIE _{Lab}	87.94, 23.36, -12.10
CIE _{LCh}	88, 26.312, 332.619
Yxy	71.9343, 0.3226, 0.2914
Android (android.graphics.Color)	4294954740 (0xFFFFCEF4)
YUV	224.9830, 9.3754, 26.3249
Hunter-Lab	84.8141, 19.1781, -7.2413

Details

The Yxy color **71.9343, 0.3226, 0.2914** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.6391, 0.3042, 0.3698**, and the grayscale version is **75.2059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7698, 0.3247, 0.2823** is the 20% darker color. If you saturate the color by 10%, you get **60.2980, 0.3289, 0.2712**, and if you desaturate by 10%, it is **85.5791, 0.3171, 0.3113**.

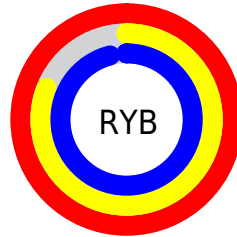
Distribution



Red (100%)

Green (81%)

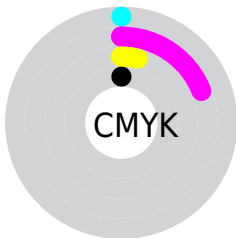
Blue (96%)



Red (100%)

Yellow (81%)

Blue (96%)

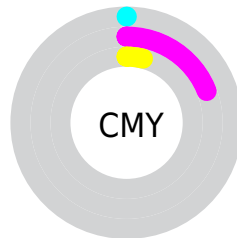


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9343, 0.3226, 0.2914 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 71.9343, 0.3226, 0.2914 by changing the saturation by 10% instead.


 71.9343, 0.3226,
0.2914

 71.9343, 0.3226,
0.2914

467.3129, 0.3183,
0.3083

 53.1050, 0.3235,
0.2877

121.9631, 0.3211,
0.2972

 37.8866, 0.3247,
0.2831


153.9314, 0.3206,
0.2994

 25.8947, 0.3260,
0.2774


191.0482, 0.3201,
0.3014

 16.7449, 0.3278,
0.2702

233.6979, 0.3196,
0.3031

 10.0528, 0.3300,
0.2605

282.2647, 0.3192,
0.3046

 5.4340, 0.3330,
0.2472

337.1333, 0.3189,

 2.5041, 0.3372,

0.3060

0.2275

398.6879, 0.3186,
0.3072

0.8787, 0.3433,
0.1958

0.0000, 0.3716,
0.0000

71.9343, 0.3226,
0.2914

71.9343, 0.3226,
0.2914

60.2980, 0.3289,
0.2712

85.5791, 0.3171,
0.3113

50.5646, 0.3361,
0.2514

99.9961, 0.3127,
0.3290

42.6336, 0.3440,
0.2328

36.3910, 0.3526,
0.2165

■ 31.7101, 0.3615,
0.2035

■ 28.4459, 0.3706,
0.1948

■ 26.4266, 0.3795,
0.1909

■ 25.3933, 0.3880,
0.1914

■ 25.3283, 0.3887,
0.1915

Harmonies

Analogous

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



71.9343, 0.2908, 0.2787



71.9343, 0.3226, 0.2914



71.9343, 0.3530, 0.3130

Triad

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



71.9343, 0.3226, 0.2914



71.9343, 0.3599, 0.3818



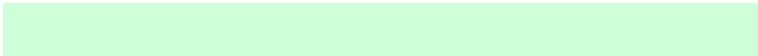
71.9343, 0.2563, 0.3140

Complementary

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



71.9343, 0.3226, 0.2914



89.6391, 0.3042, 0.3698

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.



71.9343, 0.2730, 0.3444



71.9343, 0.3226, 0.2914



71.9343, 0.3325, 0.3852

Square

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



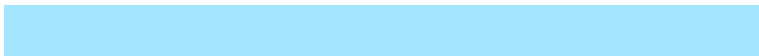
71.9343, 0.3226, 0.2914



71.9343, 0.3750, 0.3642



71.9343, 0.3006, 0.3714



71.9343, 0.2539, 0.2900

Rectangle

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



71.9343, 0.3226, 0.2914



71.9343, 0.3677, 0.3302



71.9343, 0.3006, 0.3714



71.9343, 0.2604, 0.3238

Sweetspot

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



71.9375, 0.3226, 0.2914



90.4050, 0.3155, 0.3176



66.0613, 0.2878, 0.2771



19.1368, 0.3158, 0.3163



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.



71.9375, 0.3226, 0.2914



67.3008, 0.3249, 0.2837



70.5661, 0.3402, 0.3150



18.2267, 0.3172, 0.3107



13.2606, 0.3873, 0.1907



1.3074, 0.3782, 0.1857

Inverse Universe

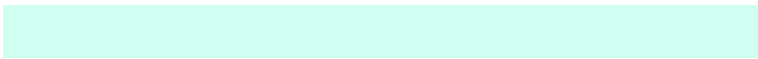
The Inverse Universe completely reimagines the original color for something new.



71.9375, 0.3226, 0.2914



67.3008, 0.3249, 0.2837



90.9878, 0.2911, 0.3435



18.2267, 0.3172, 0.3107



13.2606, 0.3873, 0.1907



1.3074, 0.3782, 0.1857

Previews

White Background



This preview shows how the Yxy color 71.9343, 0.3226, 0.2914 looks on a white background.

Color Contrast Check

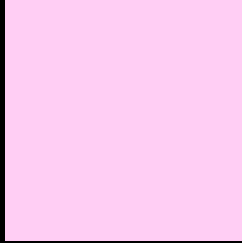
Large Text (above 18pt) WCAG AA × Fail

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 71.9343, 0.3226, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

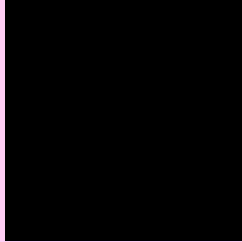
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9343, 0.3226, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 71.9343, 0.3226, 0.2914.



This preview shows how white text looks on a background with the Yxy color 71.9343, 0.3226, 0.2914.

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

71.9343, 0.3226, 0.2914

Protanopia

72.1384, 0.2891, 0.2940

Deuteranopia

72.1675, 0.3069, 0.3009



Tritanopia

71.7326, 0.3338, 0.3128

Trichromacy



Original Color

71.9343, 0.3226, 0.2914

Protanomaly

71.7557, 0.3010, 0.2927

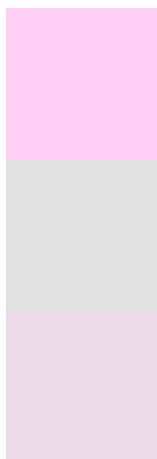
Deuteranomaly

72.0833, 0.3120, 0.2973

Tritanomaly

71.8206, 0.3295, 0.3049

Monochromacy



Original Color

71.9343, 0.3226, 0.2914

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

73.8019, 0.3163, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9343, 0.3226, 0.2914 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, 206, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 244)  
}
```

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, 206, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 244) }
```

Border

The CSS property to change the border of an element to Yxy 71.9343, 0.3226, 0.2914 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, 206, 244) }
```

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

```
.border{ border-color:rgb(255, 206, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 206, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 206, 244); box-shadow:4px 4px 4px 4px rgb(255, 206, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9343, 0.3226, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 244) }
```

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

```
.background{ background-color: rgb(255,  
206, 244) }
```

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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