

Converting Colors

$Y_{xy}(72.7632, 0.3220, 0.2923)$

Have a look what the booklet for
Yxy(72.7632, 0.3220, 0.2923)
contains.

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Color

Yxy(72.9643, 0.3218, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0F5
RGB	255, 208, 245
RGB Percent	100%, 82%, 96%
CMY	0.0000, 0.1843, 0.0393
CMYK	0.00, 0.18, 0.04, 0.00
HSL	313°, 100%, 91%
HSV	313°, 18%, 100%
XYZ	80.2732, 72.9643, 96.2131
YIQ	226.2710, 16.1350, 21.4710

Conversions

Conversions Part 2

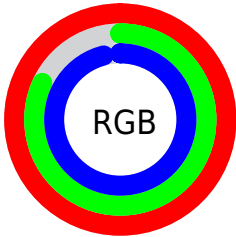
Format	Color
R _Y B	255, 208, 245
Decimal	16765173
CIE _{Lab}	88.43, 22.49, -11.87
CIE _{LCh}	88, 25.429, 332.180
Y _{xy}	72.9643, 0.3218, 0.2925
Android (android.graphics.Color)	4294955253 (0xFFFFD0F5)
YUV	226.2710, 9.2334, 25.1953
Hunter-Lab	85.4191, 18.2631, -6.9888

Details

The Yxy color $72.9643, 0.3218, 0.2925$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.9955, 0.3048, 0.3685$, and the grayscale version is $76.1837, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.4624, 0.3235, 0.2837$ is the 20% darker color. If you saturate the color by 10%, you get $61.1883, 0.3278, 0.2721$, and if you desaturate by 10%, it is $86.7551, 0.3166, 0.3126$.

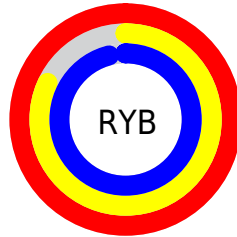
Distribution



Red (100%)

Green (82%)

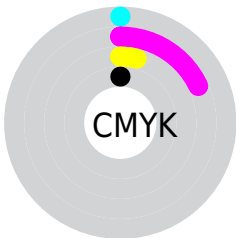
Blue (96%)



Red (100%)

Yellow (82%)

Blue (96%)

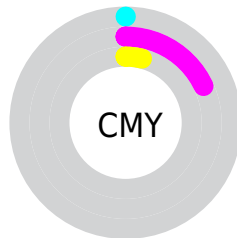


Cyan (0%)

Magenta (18%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9643, 0.3218, 0.2925 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 72.9643, 0.3218, 0.2925 by changing the saturation by 10% instead.


 72.9643, 0.3218,
0.2925

 72.9643, 0.3218,
0.2925


470.8911, 0.3178,
0.3089

 53.9468, 0.3227,
0.2889


123.4265, 0.3205,
0.2981

 38.5591, 0.3237,
0.2845


155.6400, 0.3199,
0.3003

 26.4169, 0.3249,
0.2790


193.0210, 0.3195,
0.3022

 17.1358, 0.3265,
0.2720

235.9537, 0.3191,
0.3038

 10.3314, 0.3285,
0.2627

284.8227, 0.3187,
0.3053

 5.6192, 0.3313,
0.2498

340.0124, 0.3184,

 2.6149, 0.3350,

0.3066

0.2308

401.9070, 0.3181,
0.3078

0.9342, 0.3403,
0.2003

0.0000, 0.3747,
0.0000

72.9643, 0.3218,
0.2925

72.9643, 0.3218,
0.2925

61.1883, 0.3278,
0.2721

86.7551, 0.3166,
0.3126

51.3226, 0.3346,
0.2519

100.0000, 0.3127,
0.3290

43.2669, 0.3421,
0.2331

36.9084, 0.3502,
0.2164

■ 32.1213, 0.3587,
0.2030

■ 28.7624, 0.3673,
0.1937

■ 26.6623, 0.3757,
0.1892

■ 25.5840, 0.3837,
0.1893

■ 25.4566, 0.3850,
0.1895

Harmonies

Analogous

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



72.9643, 0.2913, 0.2804



72.9643, 0.3218, 0.2925



72.9643, 0.3511, 0.3133

Triad

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



72.9643, 0.3218, 0.2925



72.9643, 0.3585, 0.3796



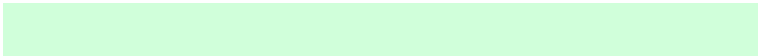
72.9643, 0.2585, 0.3151

Complementary

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



72.9643, 0.3218, 0.2925



89.9955, 0.3048, 0.3685

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.



72.9643, 0.2749, 0.3442



72.9643, 0.3218, 0.2925



72.9643, 0.3322, 0.3831

Square

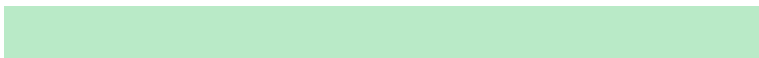
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



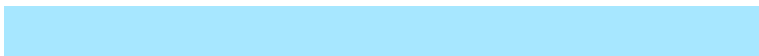
72.9643, 0.3218, 0.2925



72.9643, 0.3727, 0.3627



72.9643, 0.3016, 0.3700



72.9643, 0.2560, 0.2918

Rectangle

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



72.9643, 0.3218, 0.2925



72.9643, 0.3654, 0.3299



72.9643, 0.3016, 0.3700



72.9643, 0.2625, 0.3245

Sweetspot

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



72.9673, 0.3218, 0.2925



90.4151, 0.3154, 0.3174



67.1510, 0.2884, 0.2793



19.1391, 0.3157, 0.3161



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.



72.9673, 0.3218, 0.2925



68.5334, 0.3239, 0.2852



71.6563, 0.3383, 0.3148



18.2300, 0.3171, 0.3105



13.3245, 0.3837, 0.1888



1.3131, 0.3751, 0.1840

Inverse Universe

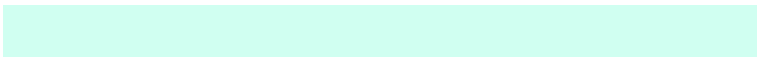
The Inverse Universe completely reimagines the original color for something new.



72.9673, 0.3218, 0.2925



68.5334, 0.3239, 0.2852



91.2764, 0.2923, 0.3437



18.2300, 0.3171, 0.3105



13.3245, 0.3837, 0.1888



1.3131, 0.3751, 0.1840

Previews

White Background



This preview shows how the Yxy color 72.9643, 0.3218, 0.2925 looks on a white background.

Color Contrast Check

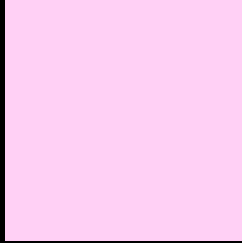
Large Text (above 18pt) WCAG AA × Fail

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 72.9643, 0.3218, 0.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

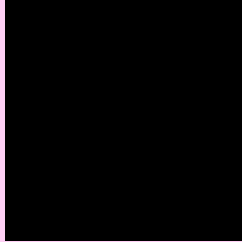
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9643, 0.3218, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 72.9643, 0.3218, 0.2925.



This preview shows how white text looks on a background with the Yxy color 72.9643, 0.3218, 0.2925.

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

72.9643, 0.3218, 0.2925

Protanopia

73.0300, 0.2898, 0.2942

Deuteranopia

73.0752, 0.3076, 0.3011



Tritanopia

73.0172, 0.3328, 0.3129

Trichromacy



Original Color

72.9643, 0.3218, 0.2925

Protanomaly

73.0028, 0.3010, 0.2939

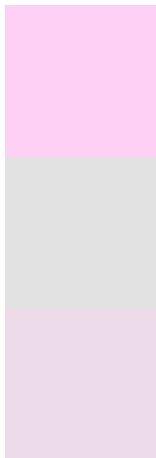
Deuteranomaly

72.9974, 0.3128, 0.2975

Tritanomaly

73.1045, 0.3287, 0.3050

Monochromacy



Original Color

72.9643, 0.3218, 0.2925

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.5508, 0.3162, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9643, 0.3218, 0.2925 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 245) }
```

Border

The CSS property to change the border of an element to Yxy 72.9643, 0.3218, 0.2925 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, 245) }
```

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

```
.border{ border-color:rgb(255, 208, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9643, 0.3218, 0.2925 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, 245) }
```

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

```
.background{ background-color: rgb(255,  
208, 245) }
```

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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