

Converting Colors

$Y_{xy}(100.0000, 0.4137, 0.3019)$

Have a look what the booklet for
Yxy(100.0000, 0.4137, 0.3019)
contains.

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Color

Yxy(69.3246, 0.3259, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9F0
RGB	255, 201, 240
RGB Percent	100%, 79%, 94%
CMY	0.0000, 0.2117, 0.0589
CMYK	0.00, 0.21, 0.06, 0.00
HSL	317°, 100%, 89%
HSV	317°, 21%, 100%
XYZ	77.8528, 69.3246, 91.7082
YIQ	221.5920, 19.6650, 23.5770

Conversions

Conversions Part 2

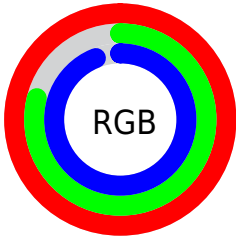
Format	Color
R_{YB}	255, 201, 240
Decimal	16763376
CIE _{Lab}	86.66, 25.30, -11.87
CIE _{LCh}	87, 27.949, 334.870
Yxy	69.3246, 0.3259, 0.2902
Android (android.graphics.Color)	4294953456 (0xFFFFC9F0)
YUV	221.5920, 9.0751, 29.2988
Hunter-Lab	83.2614, 21.1974, -7.0219

Details

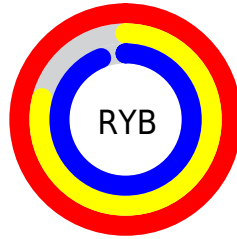
The Yxy color **69.3246, 0.3259, 0.2902** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.8962, 0.3017, 0.3712**, and the grayscale version is **72.6705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3339, 0.3289, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **57.9957, 0.3338, 0.2712**, and if you desaturate by 10%, it is **82.6495, 0.3191, 0.3089**.

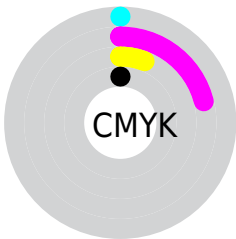
Distribution



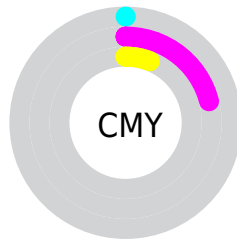
- Red (100%)
- Green (79%)
- Blue (94%)



- Red (100%)
- Yellow (79%)
- Blue (94%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (0%)




- Cyan (0%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3246, 0.3259, 0.2902 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 69.3246, 0.3259, 0.2902 by changing the saturation by 10% instead.


 69.3246, 0.3259,
0.2902

 69.3246, 0.3259,
0.2902

458.1750, 0.3200,
0.3077

 50.9761, 0.3272,
0.2863

118.2451, 0.3239,
0.2962

 36.1896, 0.3288,
0.2815


149.5859, 0.3231,
0.2985

 24.5807, 0.3307,
0.2756


186.0262, 0.3224,
0.3006

 15.7649, 0.3332,
0.2680

227.9505, 0.3218,
0.3024

 9.3580, 0.3364,
0.2578

275.7431, 0.3213,
0.3039

 4.9754, 0.3409,
0.2436


329.7885, 0.3208,


 2.2328, 0.3473,

0.3053

0.2226

390.4710, 0.3204,
0.3066


 0.7378, 0.3580,
0.1867


 0.0000, 0.3841,
0.0000


 69.3246, 0.3259,
0.2902


 69.3246, 0.3259,
0.2902

 57.9957, 0.3338,
0.2712


 82.6495, 0.3191,
0.3089

 48.5561, 0.3427,
0.2527

 98.0520, 0.3133,
0.3269

 40.9030, 0.3528,
0.2355

 99.9997, 0.3127,
0.3290

 34.9204, 0.3637,
0.2207

■ 30.4782, 0.3752,
0.2094

■ 27.4269, 0.3870,
0.2024

■ 25.5874, 0.3985,
0.2005

■ 24.7254, 0.4084,
0.2024

Harmonies

Analogous

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



69.3246, 0.2915, 0.2758



69.3246, 0.3259, 0.2902



69.3246, 0.3581, 0.3138

Triad

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



69.3246, 0.3259, 0.2902



69.3246, 0.3616, 0.3866



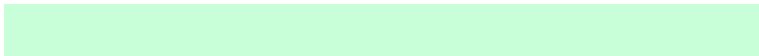
69.3246, 0.2515, 0.3104

Complementary

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



69.3246, 0.3259, 0.2902



88.8962, 0.3017, 0.3712

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.



69.3246, 0.2683, 0.3430



69.3246, 0.3259, 0.2902



69.3246, 0.3313, 0.3892

Square

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



69.3246, 0.3259, 0.2902



69.3246, 0.3791, 0.3684



69.3246, 0.2971, 0.3730



69.3246, 0.2502, 0.2856

Rectangle

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



69.3246, 0.3259, 0.2902



69.3246, 0.3733, 0.3323



69.3246, 0.2971, 0.3730



69.3246, 0.2555, 0.3208

Sweetspot

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



69.3277, 0.3259, 0.2902



90.3528, 0.3160, 0.3184



63.5057, 0.2868, 0.2715



19.1244, 0.3164, 0.3172



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.



69.3277, 0.3259, 0.2902



64.7616, 0.3288, 0.2829



67.8718, 0.3458, 0.3162



18.2092, 0.3181, 0.3120



12.9464, 0.4066, 0.2014



1.2791, 0.3945, 0.1947

Inverse Universe

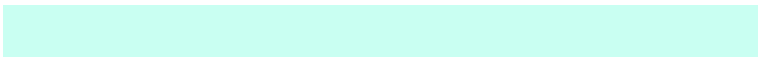
The Inverse Universe completely reimagines the original color for something new.



69.3277, 0.3259, 0.2902



64.7616, 0.3288, 0.2829



90.3724, 0.2876, 0.3422



18.2092, 0.3181, 0.3120



12.9464, 0.4066, 0.2014



1.2791, 0.3945, 0.1947

Previews

White Background



This preview shows how the Yxy color 69.3246, 0.3259, 0.2902 looks on a white background.

Color Contrast Check

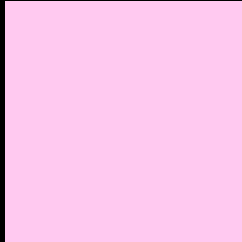
Large Text (above 18pt) WCAG AA × Fail

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 69.3246, 0.3259, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

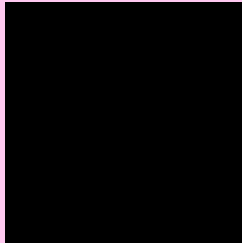
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3246, 0.3259, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 69.3246, 0.3259, 0.2902.



This preview shows how white text looks on a background with the Yxy color 69.3246, 0.3259, 0.2902.

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

69.3246, 0.3259, 0.2902

Protanopia

69.8002, 0.2881, 0.2935

Deuteranopia

69.4196, 0.3075, 0.3005



Tritanopia

69.0485, 0.3381, 0.3127

Trichromacy



Original Color

69.3246, 0.3259, 0.2902



Protanomaly

69.5732, 0.3008, 0.2923



Deuteranomaly

69.0348, 0.3135, 0.2959



Tritanomaly

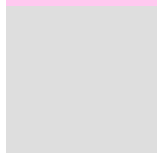
69.1406, 0.3338, 0.3047

Monochromacy



Original Color

69.3246, 0.3259, 0.2902



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

71.2427, 0.3171, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3246, 0.3259, 0.2902 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 240) }
```

Border

The CSS property to change the border of an element to Yxy 69.3246, 0.3259, 0.2902 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, 240) }
```

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

```
.border{ border-color:rgb(255, 201, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3246, 0.3259, 0.2902 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, 240) }
```

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

```
.background{ background-color: rgb(255,  
201, 240) }
```

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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