

Converting Colors

$Y_{xy}(68.6750, 0.3237, 0.2912)$

Have a look what the booklet for
Yxy(68.6750, 0.3237, 0.2912)
contains.

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Color

Yxy(68.5145, 0.3236, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	FBC9EF
RGB	251, 201, 239
RGB Percent	98%, 79%, 94%
CMY	0.0158, 0.2117, 0.0628
CMYK	0.00, 0.20, 0.05, 0.02
HSL	314°, 86%, 89%
HSV	314°, 20%, 98%
XYZ	76.2424, 68.5145, 90.8500
YIQ	220.2820, 17.6020, 22.4180

Conversions

Conversions Part 2

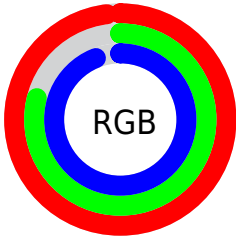
Format	Color
R_{YB}	251, 201, 239
Decimal	16501231
CIE _{Lab}	86.26, 23.79, -11.97
CIE _{LCh}	86, 26.628, 333.286
Yxy	68.5145, 0.3236, 0.2908
Android (android.graphics.Color)	4294691311 (0xFFFB _{C9EF})
YUV	220.2820, 9.2280, 26.9397
Hunter-Lab	82.7735, 19.5622, -7.1337

Details

The Yxy color $68.5145, 0.3236, 0.2908$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.2079, 0.3034, 0.3705$, and the grayscale version is $71.7029, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.7557, 0.3259, 0.2826$ is the 20% darker color. If you saturate the color by 10%, you get $57.4048, 0.3304, 0.2710$, and if you desaturate by 10%, it is $81.5540, 0.3177, 0.3104$.

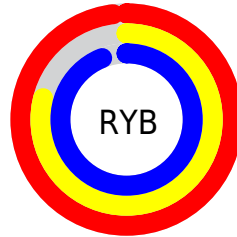
Distribution



Red (98%)

Green (79%)

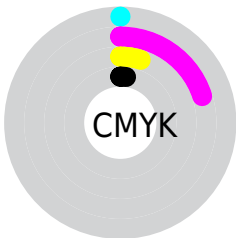
Blue (94%)



Red (98%)

Yellow (79%)

Blue (94%)

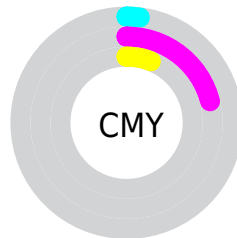


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (2%)



Cyan (2%)


Magenta (21%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5145, 0.3236, 0.2908 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 68.5145, 0.3236, 0.2908 by changing the saturation by 10% instead.

 68.5145, 0.3236,
0.2908

 68.5145, 0.3236,
0.2908


455.3168, 0.3188,
0.3081

 50.3164, 0.3247,
0.2869


117.0879, 0.3220,
0.2967

 35.6649, 0.3259,
0.2822


148.2319, 0.3213,
0.2990

 24.1755, 0.3275,
0.2763


184.4601, 0.3208,
0.3011

 15.4638, 0.3295,
0.2687

226.1569, 0.3203,
0.3028

 9.1456, 0.3321,
0.2586

273.7065, 0.3198,
0.3044

 4.8363, 0.3357,
0.2444

327.4934, 0.3194,

 2.1515, 0.3407,

0.3058

0.2232

387.9020, 0.3191,
0.3070

0.6934, 0.3494,
0.1855

0.0000, 0.3266,
0.0000

68.5145, 0.3236,
0.2908

68.5145, 0.3236,
0.2908

57.4048, 0.3304,
0.2710

81.5540, 0.3177,
0.3104

48.1228, 0.3381,
0.2516

96.6006, 0.3127,
0.3292

40.5711, 0.3466,
0.2334

99.2459, 0.3102,
0.3290

34.6395, 0.3558,
0.2176

■ 30.2047, 0.3655,
0.2052

■ 27.1262, 0.3754,
0.1970

■ 25.2361, 0.3850,
0.1936

■ 24.2612, 0.3943,
0.1946

■ 24.2537, 0.3944,
0.1946

Harmonies

Analogous

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



68.5145, 0.2909, 0.2775



68.5145, 0.3236, 0.2908



68.5145, 0.3548, 0.3131

Triad

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



68.5145, 0.3236, 0.2908



68.5145, 0.3607, 0.3835



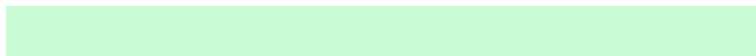
68.5145, 0.2546, 0.3129

Complementary

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



68.5145, 0.3236, 0.2908



86.2079, 0.3034, 0.3705

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.



68.5145, 0.2714, 0.3441



68.5145, 0.3236, 0.2908



68.5145, 0.3323, 0.3868

Square

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



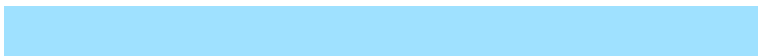
68.5145, 0.3236, 0.2908



68.5145, 0.3766, 0.3656



68.5145, 0.2996, 0.3722



68.5145, 0.2524, 0.2885

Rectangle

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



68.5145, 0.3236, 0.2908



68.5145, 0.3697, 0.3308



68.5145, 0.2996, 0.3722



68.5145, 0.2586, 0.3229

Sweetspot

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



68.5175, 0.3236, 0.2908



90.3892, 0.3156, 0.3178



62.8424, 0.2874, 0.2751



19.1330, 0.3160, 0.3166



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.



68.5175, 0.3236, 0.2908



66.0636, 0.3263, 0.2827



67.1592, 0.3420, 0.3153



17.4491, 0.3175, 0.3112



12.7748, 0.3929, 0.1938



1.1997, 0.3825, 0.1881

Inverse Universe

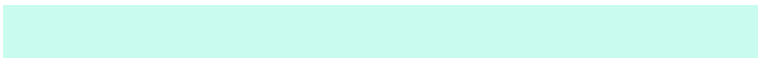
The Inverse Universe completely reimagines the original color for something new.



68.5175, 0.3236, 0.2908



66.0636, 0.3263, 0.2827



87.5558, 0.2899, 0.3432



17.4491, 0.3175, 0.3112



12.7748, 0.3929, 0.1938



1.1997, 0.3825, 0.1881

Previews

White Background



This preview shows how the Yxy color 68.5145, 0.3236, 0.2908 looks on a white background.

Color Contrast Check

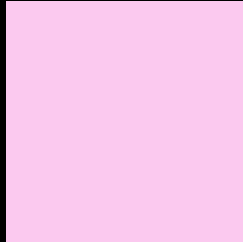
Large Text (above 18pt) WCAG AA × Fail

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 68.5145, 0.3236, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

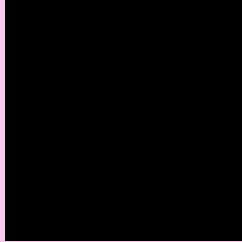
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.5145, 0.3236, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 68.5145, 0.3236, 0.2908.



This preview shows how white text looks on a background with the Yxy color 68.5145, 0.3236, 0.2908.

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

68.5145, 0.3236, 0.2908

Protanopia

68.5721, 0.2880, 0.2923

Deuteranopia

68.5385, 0.3068, 0.3003



Tritanopia

68.3095, 0.3350, 0.3125

Trichromacy



Original Color

68.5145, 0.3236, 0.2908

Protanomaly

68.2011, 0.3001, 0.2910

Deuteranomaly

68.6316, 0.3128, 0.2967

Tritanomaly

68.3977, 0.3307, 0.3045

Monochromacy



Original Color

68.5145, 0.3236, 0.2908

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.1235, 0.3163, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5145, 0.3236, 0.2908 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(251, 201, 239)` looks like.

```
.text, #text, p{  
    color:rgb(251, 201, 239)  
}
```

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(251, 201, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 201, 239) }
```

Border

The CSS property to change the border of an element to Yxy 68.5145, 0.3236, 0.2908 is called "border". The border property can be set on classes, ids or directly on the HTML element.

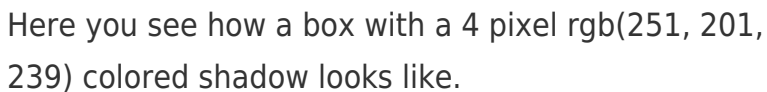
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 201, 239) }
```

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

```
.border{ border-color:rgb(251, 201, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(251, 201, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 201, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 201, 239);  
box-shadow:4px 4px 4px 4px rgb(251, 201,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5145, 0.3236, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 201, 239) }
```

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

```
.background{ background-color: rgb(251,  
201, 239) }
```

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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