

Converting Colors

Yxy(64.9396, 0.3205, 0.2927)

Have a look what the booklet for
Yxy(64.9396, 0.3205, 0.2927)
contains.

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Color

Yxy(64.9721, 0.3206, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	F1C6E9
RGB	241, 198, 233
RGB Percent	95%, 78%, 91%
CMY	0.0547, 0.2236, 0.0862
CMYK	0.00, 0.18, 0.03, 0.05
HSL	311°, 61%, 86%
HSV	311°, 18%, 95%
XYZ	71.1895, 64.9721, 85.8893
YIQ	214.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

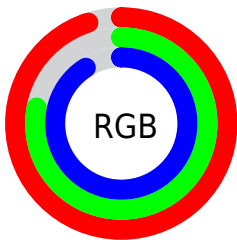
Format	Color
R _Y B	241, 198, 233
Decimal	15845097
CIE Lab	84.47, 21.02, -11.57
CIE LCh	84, 23.994, 331.166
Yxy	64.9721, 0.3206, 0.2926
Android (android.graphics.Color)	4294035177 (0xFFFF1C6E9)
YUV	214.8470, 8.9494, 22.9362
Hunter-Lab	80.6053, 16.5896, -6.7530

Details

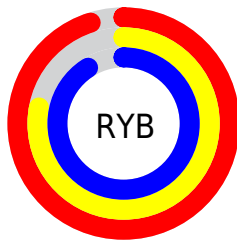
The Yxy color $64.9721, 0.3206, 0.2926$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $79.3968, 0.3057, 0.3683$, and the grayscale version is $67.7815, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.4351, 0.3230, 0.2848$ is the 20% darker color. If you saturate the color by 10%, you get $54.5658, 0.3259, 0.2716$, and if you desaturate by 10%, it is $77.1440, 0.3159, 0.3133$.

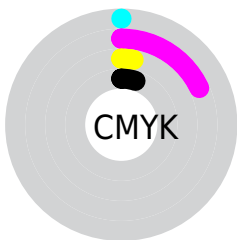
Distribution



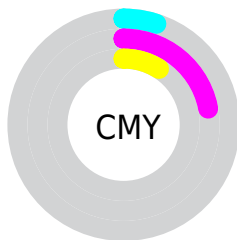
- Red (95%)
- Green (78%)
- Blue (91%)



- Red (95%)
- Yellow (78%)
- Blue (91%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9721, 0.3206, 0.2926 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 64.9721, 0.3206, 0.2926 by changing the saturation by 10% instead.


 64.9721, 0.3206,
0.2926

 64.9721, 0.3206,
0.2926


442.6917, 0.3171,
0.3093

 47.4385, 0.3214,
0.2888


112.0097, 0.3194,
0.2984

 33.3824, 0.3223,
0.2842


142.2825, 0.3190,
0.3006

 22.4196, 0.3234,
0.2784


177.5705, 0.3185,
0.3025

 14.1655, 0.3248,
0.2708

218.2580, 0.3182,
0.3042

 8.2359, 0.3267,
0.2606

264.7295, 0.3179,
0.3057

 4.2462, 0.3291,
0.2462


317.3694, 0.3176,

 1.8122, 0.3325,


0.3070


0.2241

376.5620, 0.3173,
0.3082

 0.4948, 0.3434,
0.1714


 0.0000, 0.0000,
0.0000


 64.9721, 0.3206,
0.2926


 64.9721, 0.3206,
0.2926


 54.5658, 0.3259,
0.2716


 77.1440, 0.3159,
0.3133


 45.8338, 0.3319,
0.2509

 91.1504, 0.3119,
0.3332

 38.6895, 0.3385,
0.2315

 96.9127, 0.3090,
0.3373

 33.0350, 0.3455,
0.2143

 97.1928, 0.3064,
0.3329

■ 28.7617, 0.3528,
0.2002

■ 97.4482, 0.3042,
0.3290

■ 25.7461, 0.3601,
0.1903

■ 23.8428, 0.3673,
0.1850

■ 22.8540, 0.3741,
0.1841

■ 22.6981, 0.3756,
0.1843

Harmonies

Analogous

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



64.9721, 0.2908, 0.2810



64.9721, 0.3206, 0.2926



64.9721, 0.3495, 0.3128

Triad

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



64.9721, 0.3206, 0.2926



64.9721, 0.3583, 0.3783



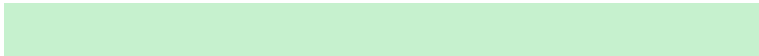
64.9721, 0.2599, 0.3163

Complementary

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



64.9721, 0.3206, 0.2926



79.3968, 0.3057, 0.3683

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.



64.9721, 0.2763, 0.3449



64.9721, 0.3206, 0.2926



64.9721, 0.3329, 0.3821

Square

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



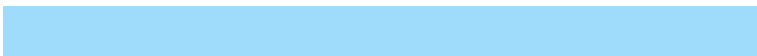
64.9721, 0.3206, 0.2926



64.9721, 0.3717, 0.3614



64.9721, 0.3028, 0.3699



64.9721, 0.2569, 0.2931

Rectangle

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



64.9721, 0.3206, 0.2926



64.9721, 0.3638, 0.3291



64.9721, 0.3028, 0.3699



64.9721, 0.2639, 0.3256

Sweetspot

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



64.9749, 0.3206, 0.2926



91.9810, 0.3147, 0.3190



59.8410, 0.2888, 0.2811



19.4557, 0.3150, 0.3176



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.



64.9749, 0.3206, 0.2926



69.8369, 0.3222, 0.2859



63.8253, 0.3367, 0.3146



15.9779, 0.3166, 0.3100



12.3226, 0.3745, 0.1837



1.0381, 0.3662, 0.1791

Inverse Universe

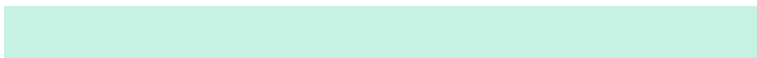
The Inverse Universe completely reimagines the original color for something new.



64.9749, 0.3206, 0.2926



69.8369, 0.3222, 0.2859



80.5084, 0.2934, 0.3439



15.9779, 0.3166, 0.3100



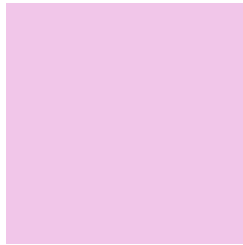
12.3226, 0.3745, 0.1837



1.0381, 0.3662, 0.1791

Previews

White Background



This preview shows how the Yxy color 64.9721, 0.3206, 0.2926 looks on a white background.

Color Contrast Check

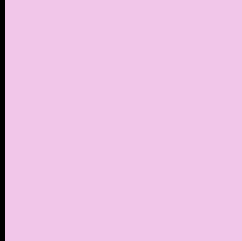
Large Text (above 18pt) WCAG AA × Fail

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 64.9721, 0.3206, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

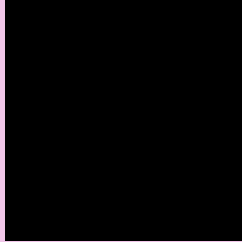
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9721, 0.3206, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 64.9721, 0.3206, 0.2926.



This preview shows how white text looks on a background with the Yxy color 64.9721, 0.3206, 0.2926.

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

64.9721, 0.3206, 0.2926

Protanopia

65.0140, 0.2900, 0.2947

Deuteranopia

65.0184, 0.3067, 0.2997



Tritanopia

65.0819, 0.3314, 0.3131

Trichromacy



Original Color

64.9721, 0.3206, 0.2926

Protanomaly

64.8371, 0.3011, 0.2943

Deuteranomaly

64.7253, 0.3120, 0.2969

Tritanomaly

65.1077, 0.3278, 0.3058

Monochromacy



Original Color

64.9721, 0.3206, 0.2926

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.7221, 0.3149, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9721, 0.3206, 0.2926 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(241, 198, 233)` looks like.

```
.text, #text, p{  
    color:rgb(241, 198, 233)  
}
```

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(241, 198, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 198, 233) }
```

Border

The CSS property to change the border of an element to Yxy 64.9721, 0.3206, 0.2926 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(241, 198, 233) }
```

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

```
.border{ border-color:rgb(241, 198, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 198, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 198, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 198, 233);  
box-shadow:4px 4px 4px 4px rgb(241, 198,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9721, 0.3206, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 198, 233) }
```

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

```
.background{ background-color: rgb(241,  
198, 233) }
```

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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