

Converting Colors

$Y_{xy}(63.7726, 0.3279, 0.2870)$

Have a look what the booklet for
Yxy(63.7726, 0.3279, 0.2870)
contains.

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Color

Yxy(63.9065, 0.3281, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	FAC0E9
RGB	250, 192, 233
RGB Percent	98%, 75%, 91%
CMY	0.0195, 0.2470, 0.0864
CMYK	0.00, 0.23, 0.07, 0.02
HSL	318°, 85%, 87%
HSV	318°, 23%, 98%
XYZ	72.9820, 63.9065, 85.5497
YIQ	214.0160, 21.4070, 25.0470

Conversions

Conversions Part 2

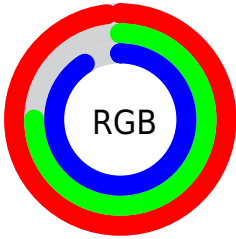
Format	Color
R _Y B	250, 192, 233
Decimal	16433385
CIE Lab	83.92, 27.18, -12.28
CIE LCh	84, 29.825, 335.686
Yxy	63.9065, 0.3281, 0.2873
Android (android.graphics.Color)	4294623465 (0xFFFA0E9)
YUV	214.0160, 9.3591, 31.5580
Hunter-Lab	79.9415, 23.0624, -7.4903

Details

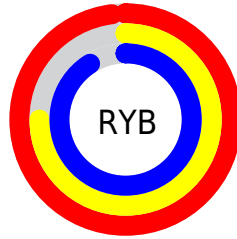
The Yxy color $63.9065, 0.3281, 0.2873$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $84.1960, 0.3002, 0.3747$, and the grayscale version is $67.1831, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $32.6887, 0.3319, 0.2781$ is the 20% darker color. If you saturate the color by 10%, you get $53.4352, 0.3366, 0.2688$, and if you desaturate by 10%, it is $76.2659, 0.3208, 0.3057$.

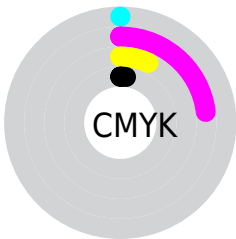
Distribution



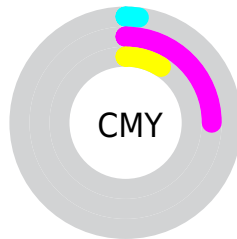
- Red (98%)
- Green (75%)
- Blue (91%)



- Red (98%)
- Yellow (75%)
- Blue (91%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (2%)




- Cyan (2%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9065, 0.3281, 0.2873 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 63.9065, 0.3281, 0.2873 by changing the saturation by 10% instead.


 63.9065, 0.3281,
0.2873

 63.9065, 0.3281,
0.2873


438.8519, 0.3211,
0.3063

 46.5749, 0.3296,
0.2830


 110.4763, 0.3257,
0.2939

 32.6998, 0.3315,
0.2778


140.4833, 0.3248,
0.2964

 21.8965, 0.3339,
0.2711

175.4842, 0.3240,
0.2986

 13.7809, 0.3370,
0.2626

215.8635, 0.3233,
0.3006

 7.9684, 0.3410,
0.2511

262.0055, 0.3226,
0.3023

 4.0748, 0.3466,
0.2349


314.2947, 0.3221,


 1.7155, 0.3549,


0.3038


0.2104


373.1153, 0.3216,
0.3051


 0.4336, 0.3772,
0.1490


 0.0000, 0.1575,
0.0000


 63.9065, 0.3281,
0.2873


 63.9065, 0.3281,
0.2873


 53.4352, 0.3366,
0.2688


 76.2659, 0.3208,
0.3057

 44.7490, 0.3463,
0.2508

 90.5925, 0.3145,
0.3235

 37.7482, 0.3571,
0.2343

 99.0674, 0.3096,
0.3290

 32.3195, 0.3689,
0.2204

■ 28.3361, 0.3813,
0.2101

■ 25.6507, 0.3939,
0.2044

■ 24.0850, 0.4062,
0.2037

■ 23.4822, 0.4144,
0.2057

Harmonies

Analogous

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



63.9065, 0.2904, 0.2713



63.9065, 0.3281, 0.2873



63.9065, 0.3634, 0.3130

Triad

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



63.9065, 0.3281, 0.2873



63.9065, 0.3653, 0.3924



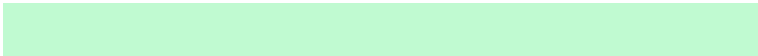
63.9065, 0.2457, 0.3075

Complementary

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



63.9065, 0.3281, 0.2873



84.1960, 0.3002, 0.3747

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.



63.9065, 0.2634, 0.3433



63.9065, 0.3281, 0.2873



63.9065, 0.3318, 0.3951

Square

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



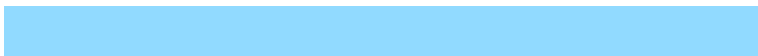
63.9065, 0.3281, 0.2873



63.9065, 0.3852, 0.3725



63.9065, 0.2945, 0.3768



63.9065, 0.2447, 0.2808

Rectangle

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



63.9065, 0.3281, 0.2873



63.9065, 0.3797, 0.3332



63.9065, 0.2945, 0.3768



63.9065, 0.2498, 0.3189

Sweetspot

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



63.9093, 0.3281, 0.2873



88.8018, 0.3168, 0.3168



58.0782, 0.2846, 0.2655



18.8111, 0.3171, 0.3158



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.



63.9093, 0.3281, 0.2873



61.3160, 0.3321, 0.2783



62.4156, 0.3505, 0.3159



17.4325, 0.3183, 0.3124



12.4801, 0.4125, 0.2046



1.1744, 0.3989, 0.1971

Inverse Universe

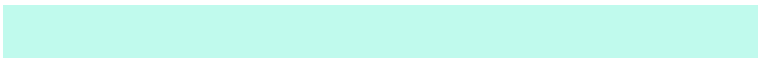
The Inverse Universe completely reimagines the original color for something new.



63.9093, 0.3281, 0.2873



61.3160, 0.3321, 0.2783



85.7302, 0.2848, 0.3426



17.4325, 0.3183, 0.3124



12.4801, 0.4125, 0.2046



1.1744, 0.3989, 0.1971

Previews

White Background



This preview shows how the Yxy color 63.9065, 0.3281, 0.2873 looks on a white background.

Color Contrast Check

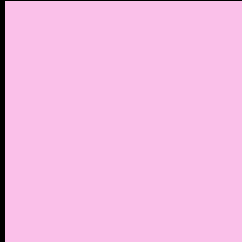
Large Text (above 18pt) WCAG AA × Fail

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 63.9065, 0.3281, 0.2873 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 63.9065, 0.3281, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 63.9065, 0.3281, 0.2873.



This preview shows how white text looks on a background with the Yxy color 63.9065, 0.3281, 0.2873.

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

63.9065, 0.3281, 0.2873

Protanopia

64.2793, 0.2861, 0.2902

Deuteranopia

64.1709, 0.3059, 0.2995



Tritanopia

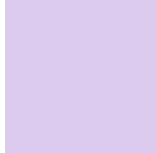
63.9572, 0.3423, 0.3134

Trichromacy



Original Color

63.9065, 0.3281, 0.2873



Protanomaly

63.6887, 0.3005, 0.2890



Deuteranomaly

64.1237, 0.3136, 0.2949



Tritanomaly

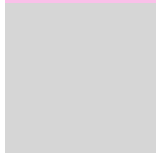
64.1011, 0.3369, 0.3041

Monochromacy



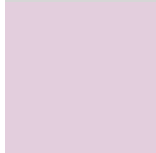
Original Color

63.9065, 0.3281, 0.2873



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.6940, 0.3180, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9065, 0.3281, 0.2873 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(250, 192, 233)` looks like.

```
.text, #text, p{  
    color:rgb(250, 192, 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(250, 192, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 192, 233) }
```

Border

The CSS property to change the border of an element to Yxy 63.9065, 0.3281, 0.2873 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(250, 192, 233) }
```

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

```
.border{ border-color:rgb(250, 192, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 192, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 192, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 192, 233);  
box-shadow:4px 4px 4px 4px rgb(250, 192,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9065, 0.3281, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 192, 233) }
```

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

```
.background{ background-color: rgb(250,  
192, 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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