

Converting Colors

Yxy(62.9072, 0.3380, 0.3054)

Have a look what the booklet for
Yxy(62.9072, 0.3380, 0.3054)
contains.

Yxy(62.6906, 0.3379, 0.3050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.6906, 0.3379, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	F6C1D8
RGB	246, 193, 216
RGB Percent	96%, 76%, 85%
CMY	0.0355, 0.2430, 0.1530
CMYK	0.00, 0.22, 0.12, 0.04
HSL	334°, 74%, 86%
HSV	334°, 22%, 96%
XYZ	69.4530, 62.6906, 73.3994
YIQ	211.4690, 24.2050, 18.3890

Conversions

Conversions Part 2

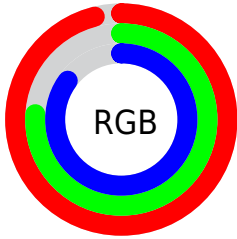
Format	Color
R _Y B	246, 193, 216
Decimal	16171480
CIE Lab	83.28, 22.43, -4.19
CIE LCh	83, 22.815, 349.410
Yxy	62.6906, 0.3379, 0.3050
Android (android.graphics.Color)	4294361560 (0xFFF6C1D8)
YUV	211.4690, 2.2338, 30.2837
Hunter-Lab	79.1774, 18.0165, 0.4609

Details

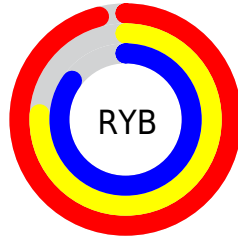
The Yxy color **62.6906, 0.3379, 0.3050** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.5414, 0.2930, 0.3544**, and the grayscale version is **65.4395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **31.8573, 0.3443, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **52.0168, 0.3536, 0.2932**, and if you desaturate by 10%, it is **75.2391, 0.3249, 0.3165**.

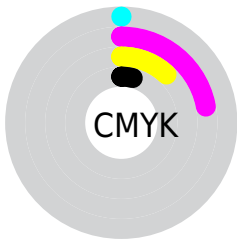
Distribution



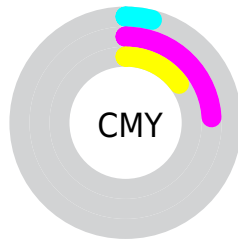
- Red (96%)
- Green (76%)
- Blue (85%)



- Red (96%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (22%)
- Yellow (12%)
- Black (4%)




- Cyan (4%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6906, 0.3379, 0.3050 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 62.6906, 0.3379, 0.3050 by changing the saturation by 10% instead.


 62.6906, 0.3379,
0.3050

 62.6906, 0.3379,
0.3050

434.4457, 0.3260,
0.3162

 45.5910, 0.3407,
0.3024


 108.7230, 0.3337,
0.3089

 31.9232, 0.3441,
0.2992


138.4246, 0.3321,
0.3104

 21.3028, 0.3485,
0.2951


173.0956, 0.3308,
0.3117

 13.3455, 0.3544,
0.2897

213.1204, 0.3296,
0.3129

 7.6669, 0.3626,
0.2823

258.8834, 0.3285,
0.3139

 3.8826, 0.3747,
0.2714

310.7690, 0.3276,

 1.6081, 0.3945,

0.3147

0.2541

369.1617, 0.3268,
0.3155

0.3630, 0.4594,
0.1867

0.0000, 0.0000,
0.0000

62.6906, 0.3379,
0.3050

62.6906, 0.3379,
0.3050

52.0168, 0.3536,
0.2932

75.2391, 0.3249,
0.3165

43.1186, 0.3724,
0.2816

89.7385, 0.3142,
0.3274

35.9001, 0.3945,
0.2709

98.3214, 0.3071,
0.3290

30.2533, 0.4197,
0.2623

■ 26.0573, 0.4475,
0.2569

■ 23.1731, 0.4766,
0.2560

■ 21.4343, 0.5052,
0.2606

■ 20.6373, 0.5280,
0.2682

Harmonies

Analogous

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



62.6906, 0.3087, 0.2883



62.6906, 0.3379, 0.3050



62.6906, 0.3608, 0.3277

Triad

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



62.6906, 0.3379, 0.3050



62.6906, 0.3427, 0.3804



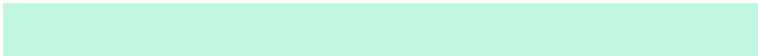
62.6906, 0.2584, 0.3022

Complementary

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



62.6906, 0.3379, 0.3050



82.5414, 0.2930, 0.3544

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.



62.6906, 0.2666, 0.3274



62.6906, 0.3379, 0.3050



62.6906, 0.3146, 0.3747

Square

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



62.6906, 0.3379, 0.3050



62.6906, 0.3634, 0.3713



62.6906, 0.2868, 0.3547



62.6906, 0.2638, 0.2859

Rectangle

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



62.6906, 0.3379, 0.3050



62.6906, 0.3689, 0.3439



62.6906, 0.2868, 0.3547



62.6906, 0.2596, 0.3099

Sweetspot

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



62.6934, 0.3379, 0.3050



90.0784, 0.3187, 0.3226



60.3547, 0.2973, 0.2724



19.0595, 0.3194, 0.3219



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.



62.6934, 0.3379, 0.3050



62.5606, 0.3447, 0.2997



62.7680, 0.3558, 0.3319



16.6020, 0.3225, 0.3188



11.0488, 0.5239, 0.2660



0.9913, 0.4923, 0.2486

Inverse Universe

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



62.6934, 0.3379, 0.3050



62.5606, 0.3447, 0.2997



82.2676, 0.2805, 0.3260



16.6020, 0.3225, 0.3188



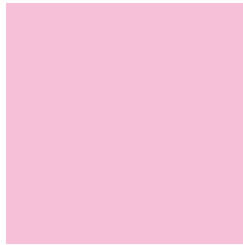
11.0488, 0.5239, 0.2660



0.9913, 0.4923, 0.2486

Previews

White Background



This preview shows how the Yxy color 62.6906, 0.3379, 0.3050 looks on a white background.

Color Contrast Check

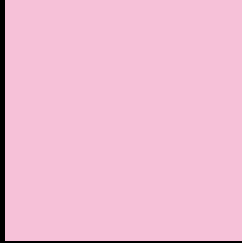
Large Text (above 18pt) WCAG AA × Fail

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 62.6906, 0.3379, 0.3050 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 62.6906, 0.3379, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 62.6906, 0.3379, 0.3050.



This preview shows how white text looks on a background with the Yxy color 62.6906, 0.3379, 0.3050.

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

62.6906, 0.3379, 0.3050

Protanopia

62.7898, 0.3011, 0.3086

Deuteranopia

62.6359, 0.3219, 0.3147



Tritanopia

62.5995, 0.3425, 0.3132

Trichromacy



Original Color

62.6906, 0.3379, 0.3050

Protanomaly

62.3659, 0.3138, 0.3069

Deuteranomaly

62.6181, 0.3277, 0.3106

Tritanomaly

62.7495, 0.3402, 0.3101

Monochromacy



Original Color

62.6906, 0.3379, 0.3050

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.8371, 0.3216, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6906, 0.3379, 0.3050 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(246, 193, 216)` looks like.

```
.text, #text, p{  
    color:rgb(246, 193, 216)  
}
```

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(246, 193, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 193, 216) }
```

Border

The CSS property to change the border of an element to Yxy 62.6906, 0.3379, 0.3050 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(246, 193, 216) }
```

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

```
.border{ border-color:rgb(246, 193, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 193, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 193, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 193, 216);  
box-shadow:4px 4px 4px 4px rgb(246, 193,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6906, 0.3379, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 193, 216) }
```

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

```
.background{ background-color: rgb(246,  
193, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor