

Converting Colors

Yxy(64.9761, 0.3449, 0.3214)

Have a look what the booklet for
Yxy(64.9761, 0.3449, 0.3214)
contains.

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Color

Yxy(64.8959, 0.3449, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	F6C7CE
RGB	246, 199, 206
RGB Percent	96%, 78%, 81%
CMY	0.0352, 0.2196, 0.1921
CMYK	0.00, 0.19, 0.16, 0.04
HSL	351°, 72%, 87%
HSV	351°, 19%, 96%
XYZ	69.5760, 64.8959, 67.2561
YIQ	213.8510, 25.7650, 12.1410

Conversions

Conversions Part 2

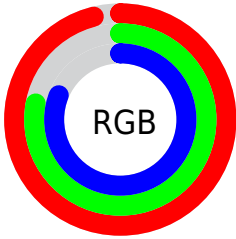
Format	Color
R_{YB}	246, 199, 206
Decimal	16173006
CIE _{Lab}	84.43, 17.73, 2.83
CIE _{LCh}	84, 17.956, 9.058
Yxy	64.8959, 0.3449, 0.3217
Android (android.graphics.Color)	4294363086 (0xFFFF6C7CE)
YUV	213.8510, -3.8705, 28.1947
Hunter-Lab	80.5580, 13.1896, 6.8907

Details

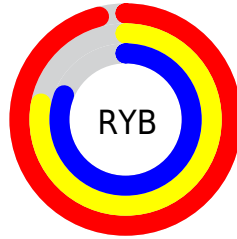
The Yxy color **64.8959, 0.3449, 0.3217** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2986, 0.2878, 0.3365**, and the grayscale version is **67.1563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3366, 0.3526, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **53.5276, 0.3678, 0.3176**, and if you desaturate by 10%, it is **78.2357, 0.3264, 0.3256**.

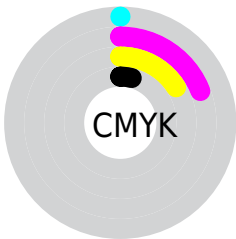
Distribution



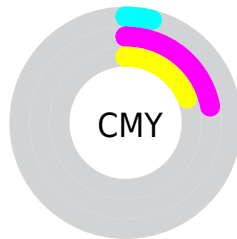
- Red (96%)
- Green (78%)
- Blue (81%)



- Red (96%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.8959, 0.3449, 0.3217 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 64.8959, 0.3449, 0.3217 by changing the saturation by 10% instead.


 64.8959, 0.3449,
0.3217

 64.8959, 0.3449,
0.3217


442.4178, 0.3296,
0.3253

 47.3767, 0.3485,
0.3208


111.9002, 0.3395,
0.3230

 33.3335, 0.3530,
0.3197


142.1540, 0.3375,
0.3235

 22.3821, 0.3587,
0.3183

177.4215, 0.3357,
0.3239

 14.1379, 0.3664,
0.3164

218.0871, 0.3342,
0.3242

 8.2166, 0.3771,
0.3136

264.5351, 0.3328,
0.3245

 4.2339, 0.3932,
0.3093

317.1500, 0.3316,

 1.8052, 0.4197,

0.3248

0.3019

376.3161, 0.3306,
0.3251

0.4904, 0.5213,
0.2840

0.0000, 0.0000,
0.0000

64.8959, 0.3449,
0.3217

64.8959, 0.3449,
0.3217

53.5276, 0.3678,
0.3176

78.2357, 0.3264,
0.3256

44.0287, 0.3961,
0.3136

93.6250, 0.3115,
0.3293

36.3017, 0.4300,
0.3101

98.3366, 0.3072,
0.3290

30.2362, 0.4696,
0.3076

■ 25.7099, 0.5129,
0.3069

■ 22.5832, 0.5561,
0.3088

■ 20.6912, 0.5938,
0.3134

■ 19.7874, 0.6207,
0.3199

■ 19.7282, 0.6226,
0.3204

Harmonies

Analogous

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



64.8959, 0.3248, 0.3049



64.8959, 0.3449, 0.3217



64.8959, 0.3562, 0.3408

Triad

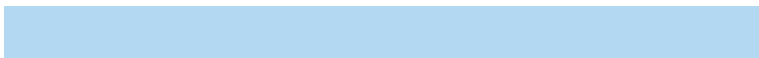
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.8959, 0.3449, 0.3217



64.8959, 0.3222, 0.3671



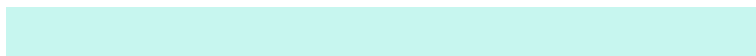
64.8959, 0.2716, 0.2989

Complementary

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



64.8959, 0.3449, 0.3217



84.2986, 0.2878, 0.3365

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.



64.8959, 0.2711, 0.3147



64.8959, 0.3449, 0.3217



64.8959, 0.2998, 0.3551

Square

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



64.8959, 0.3449, 0.3217



64.8959, 0.3427, 0.3677



64.8959, 0.2812, 0.3354



64.8959, 0.2827, 0.2917

Rectangle

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



64.8959, 0.3449, 0.3217



64.8959, 0.3571, 0.3526



64.8959, 0.2812, 0.3354



64.8959, 0.2702, 0.3033

Sweetspot

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



64.8988, 0.3449, 0.3217



89.8134, 0.3214, 0.3268



65.8457, 0.3097, 0.2807



18.9970, 0.3225, 0.3266



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.



64.8988, 0.3449, 0.3217



65.3103, 0.3533, 0.3201



72.5532, 0.3472, 0.3463



16.5228, 0.3270, 0.3255



10.5406, 0.6197, 0.3187



0.9383, 0.5897, 0.3022

Inverse Universe

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



64.8988, 0.3449, 0.3217



65.3103, 0.3533, 0.3201



75.1474, 0.2829, 0.3110



16.5228, 0.3270, 0.3255



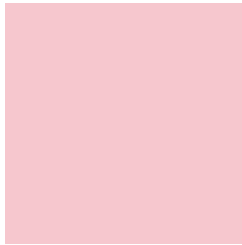
10.5406, 0.6197, 0.3187



0.9383, 0.5897, 0.3022

Previews

White Background



This preview shows how the Yxy color 64.8959, 0.3449, 0.3217 looks on a white background.

Color Contrast Check

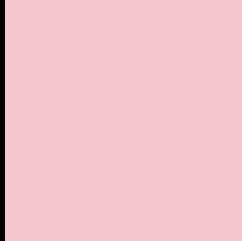
Large Text (above 18pt) WCAG AA × Fail

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 64.8959, 0.3449, 0.3217 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 64.8959, 0.3449, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 64.8959, 0.3449, 0.3217.



This preview shows how white text looks on a background with the Yxy color 64.8959, 0.3449, 0.3217.

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

64.8959, 0.3449, 0.3217

Protanopia

65.1428, 0.3143, 0.3268

Deuteranopia

64.9171, 0.3345, 0.3280



Tritanopia

64.9664, 0.3404, 0.3134

Trichromacy



Original Color

64.8959, 0.3449, 0.3217

Protanomaly

64.9645, 0.3252, 0.3246

Deuteranomaly

64.8260, 0.3388, 0.3259

Tritanomaly

64.8155, 0.3427, 0.3165

Monochromacy



Original Color

64.8959, 0.3449, 0.3217

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.4728, 0.3241, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8959, 0.3449, 0.3217 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, 199, 206)` looks like.

```
.text, #text, p{  
    color:rgb(246, 199, 206)  
}
```

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, 199, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 199, 206) }
```

Border

The CSS property to change the border of an element to Yxy 64.8959, 0.3449, 0.3217 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, 199, 206) }
```

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

```
.border{ border-color:rgb(246, 199, 206) }
```

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

Here you see how a box with a 4 pixel rgb(246, 199, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 199, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 199, 206);  
box-shadow:4px 4px 4px 4px rgb(246, 199,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8959, 0.3449, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 199, 206) }
```

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

```
.background{ background-color: rgb(246,  
199, 206) }
```

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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