

Converting Colors

$Yxy(69.4559, 0.3423, 0.3219)$

Have a look what the booklet for
Yxy(69.4559, 0.3423, 0.3219)
contains.

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Color

Yxy(69.4559, 0.3423, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FBCED5
RGB	251, 206, 213
RGB Percent	98%, 81%, 84%
CMY	0.0158, 0.1921, 0.1648
CMYK	0.00, 0.18, 0.15, 0.02
HSL	351°, 85%, 90%
HSV	351°, 18%, 98%
XYZ	73.8576, 69.4559, 72.4551
YIQ	220.2530, 24.5730, 11.7170

Conversions

Conversions Part 2

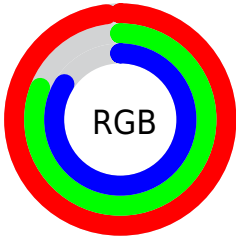
Format	Color
R_{YB}	251, 206, 213
Decimal	16502485
CIE _{Lab}	86.73, 16.88, 2.51
CIE _{LCh}	87, 17.067, 8.459
Yxy	69.4559, 0.3423, 0.3219
Android (android.graphics.Color)	4294692565 (0xFFFBCE _{D5})
YUV	220.2530, -3.5757, 26.9651
Hunter-Lab	83.3402, 12.3445, 6.7921

Details

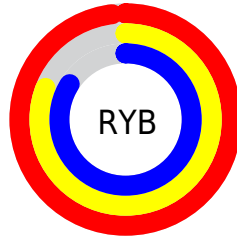
The Yxy color **69.4559, 0.3423, 0.3219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.6366, 0.2894, 0.3363**, and the grayscale version is **71.7688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3944, 0.3499, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **57.3158, 0.3645, 0.3177**, and if you desaturate by 10%, it is **83.6725, 0.3244, 0.3260**.

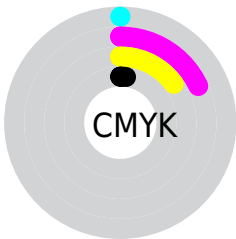
Distribution



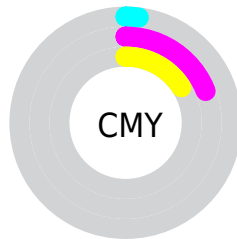
- Red (98%)
- Green (81%)
- Blue (84%)



- Red (98%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4559, 0.3423, 0.3219 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 69.4559, 0.3423, 0.3219 by changing the saturation by 10% instead.

 69.4559, 0.3423,
0.3219

 69.4559, 0.3423,
0.3219

458.6373, 0.3284,
0.3253

 51.0831, 0.3455,
0.3211


118.4325, 0.3375,
0.3231

 36.2747, 0.3495,
0.3201


149.8051, 0.3356,
0.3236

 24.6465, 0.3546,
0.3188


186.2797, 0.3340,
0.3240

 15.8138, 0.3613,
0.3170

228.2408, 0.3326,
0.3243

 9.3925, 0.3706,
0.3145

276.0726, 0.3313,
0.3246

 4.9981, 0.3843,
0.3108

330.1598, 0.3303,

 2.2461, 0.4063,

0.3249

0.3045

390.8865, 0.3293,
0.3251

0.7450, 0.4549,
0.2942

0.0000, 1.0000,
0.0000

69.4559, 0.3423,
0.3219

69.4559, 0.3423,
0.3219

57.3158, 0.3645,
0.3177

83.6725, 0.3244,
0.3260

47.1460, 0.3919,
0.3135

99.2451, 0.3102,
0.3290

38.8451, 0.4250,
0.3097

32.2989, 0.4637,
0.3069

■ 27.3806, 0.5065,
0.3059

■ 23.9463, 0.5499,
0.3074

■ 21.8269, 0.5885,
0.3119

■ 20.7956, 0.6170,
0.3186

■ 20.6510, 0.6216,
0.3198

Harmonies

Analogous

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



69.4559, 0.3236, 0.3063



69.4559, 0.3423, 0.3219



69.4559, 0.3530, 0.3397

Triad

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



69.4559, 0.3423, 0.3219



69.4559, 0.3220, 0.3644



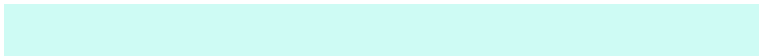
69.4559, 0.2744, 0.3013

Complementary

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



69.4559, 0.3423, 0.3219



88.6366, 0.2894, 0.3363

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.



69.4559, 0.2741, 0.3161



69.4559, 0.3423, 0.3219



69.4559, 0.3011, 0.3535

Square

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



69.4559, 0.3423, 0.3219



69.4559, 0.3409, 0.3649



69.4559, 0.2837, 0.3354



69.4559, 0.2845, 0.2943

Rectangle

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



69.4559, 0.3423, 0.3219



69.4559, 0.3539, 0.3507



69.4559, 0.2837, 0.3354



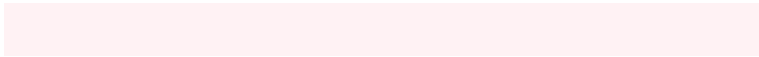
69.4559, 0.2731, 0.3055

Sweetspot

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



69.4590, 0.3423, 0.3219



91.4586, 0.3199, 0.3271



70.2551, 0.3094, 0.2837



19.3288, 0.3209, 0.3268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

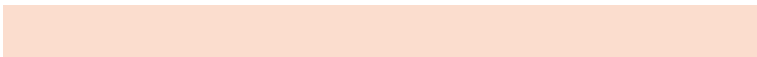
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4590, 0.3423, 0.3219



67.8842, 0.3487, 0.3206



76.6768, 0.3449, 0.3444



17.2691, 0.3270, 0.3253



10.8705, 0.6186, 0.3181



1.0193, 0.5897, 0.3022

Inverse Universe

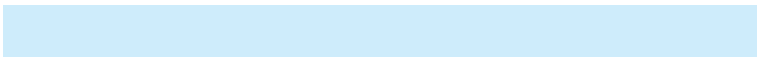
The Inverse Universe completely reimagines the original color for something new.



69.4590, 0.3423, 0.3219



67.8842, 0.3487, 0.3206



80.0733, 0.2848, 0.3130



17.2691, 0.3270, 0.3253



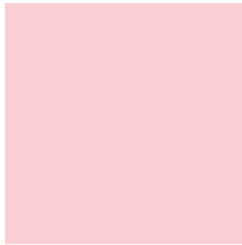
10.8705, 0.6186, 0.3181



1.0193, 0.5897, 0.3022

Previews

White Background



This preview shows how the Yxy color 69.4559, 0.3423, 0.3219 looks on a white background.

Color Contrast Check

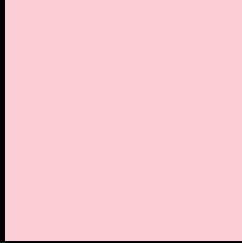
Large Text (above 18pt) WCAG AA × Fail

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 69.4559, 0.3423, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

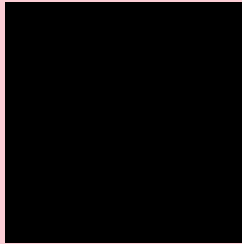
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4559, 0.3423, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 69.4559, 0.3423, 0.3219.



This preview shows how white text looks on a background with the Yxy color 69.4559, 0.3423, 0.3219.

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

69.4559, 0.3423, 0.3219

Protanopia

69.5984, 0.3143, 0.3257

Deuteranopia

69.3719, 0.3340, 0.3269



Tritanopia

69.5785, 0.3372, 0.3127

Trichromacy



Original Color

69.4559, 0.3423, 0.3219

Protanomaly

69.2525, 0.3241, 0.3237

Deuteranomaly

69.5875, 0.3372, 0.3259

Tritanomaly

69.4200, 0.3395, 0.3158

Monochromacy



Original Color

69.4559, 0.3423, 0.3219

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.5996, 0.3231, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4559, 0.3423, 0.3219 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, 206, 213)` looks like.

```
.text, #text, p{  
    color:rgb(251, 206, 213)  
}
```

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, 206, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 206, 213) }
```

Border

The CSS property to change the border of an element to Yxy 69.4559, 0.3423, 0.3219 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, 206, 213) }
```

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

```
.border{ border-color:rgb(251, 206, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 206, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 206, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 206, 213);  
box-shadow:4px 4px 4px 4px rgb(251, 206,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4559, 0.3423, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 206, 213) }
```

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

```
.background{ background-color: rgb(251,  
206, 213) }
```

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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