

Converting Colors

$Yxy(68.1931, 0.3365, 0.3235)$

Have a look what the booklet for
Yxy(68.1931, 0.3365, 0.3235)
contains.

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Color

Yxy(68.4338, 0.3367, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	F3CFD4
RGB	243, 207, 212
RGB Percent	95%, 81%, 83%
CMY	0.0470, 0.1882, 0.1686
CMYK	0.00, 0.15, 0.13, 0.05
HSL	352°, 60%, 88%
HSV	352°, 15%, 95%
XYZ	71.1602, 68.4338, 71.7519
YIQ	218.3340, 19.8510, 9.1870

Conversions

Conversions Part 2

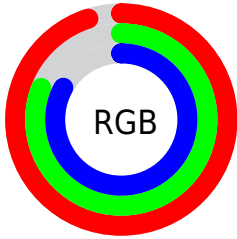
Format	Color
R _Y B	243, 207, 212
Decimal	15978452
CIE Lab	86.22, 13.40, 2.20
CIE LCh	86, 13.578, 9.342
Yxy	68.4338, 0.3367, 0.3238
Android (android.graphics.Color)	4294168532 (0xFFFF3CFD4)
YUV	218.3340, -3.1227, 21.6321
Hunter-Lab	82.7247, 8.7782, 6.4817

Details

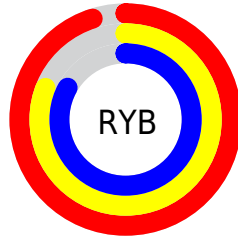
The Yxy color **68.4338, 0.3367, 0.3238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.5420, 0.2930, 0.3343**, and the grayscale version is **70.3676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7816, 0.3435, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **56.5657, 0.3579, 0.3200**, and if you desaturate by 10%, it is **82.2569, 0.3197, 0.3274**.

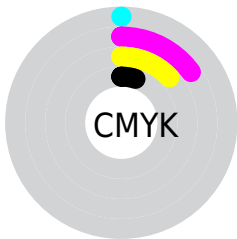
Distribution



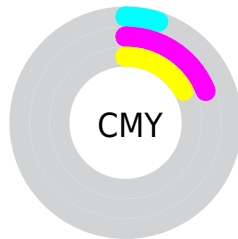
- Red (95%)
- Green (81%)
- Blue (83%)



- Red (95%)
- Yellow (81%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4338, 0.3367, 0.3238 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 68.4338, 0.3367, 0.3238 by changing the saturation by 10% instead.


 68.4338, 0.3367,
0.3238

 68.4338, 0.3367,
0.3238


455.0315, 0.3254,
0.3263

 50.2507, 0.3393,
0.3232

116.9725, 0.3328,
0.3247

 35.6127, 0.3426,
0.3225


148.0969, 0.3312,
0.3250

 24.1352, 0.3467,
0.3215


184.3040, 0.3299,
0.3253

 15.4339, 0.3522,
0.3202

225.9779, 0.3288,
0.3256

 9.1245, 0.3599,
0.3183

273.5033, 0.3278,
0.3258

 4.8225, 0.3712,
0.3155

327.2644, 0.3269,

 2.1435, 0.3894,

0.3260

0.3108

387.6456, 0.3261,
0.3262

0.6889, 0.4351,
0.3029

0.0000, 0.0000,
0.0000

68.4338, 0.3367,
0.3238

68.4338, 0.3367,
0.3238

56.5657, 0.3579,
0.3200

82.2569, 0.3197,
0.3274

46.5555, 0.3840,
0.3163

97.7216, 0.3060,
0.3301

38.3118, 0.4159,
0.3127

97.7953, 0.3054,
0.3290

31.7318, 0.4536,
0.3099

■ 26.7018, 0.4960,
0.3085

■ 23.0941, 0.5402,
0.3093

■ 20.7605, 0.5811,
0.3126

■ 19.5198, 0.6126,
0.3183

■ 19.1696, 0.6244,
0.3213

Harmonies

Analogous

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



68.4338, 0.3219, 0.3110



68.4338, 0.3367, 0.3238



68.4338, 0.3450, 0.3382

Triad

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



68.4338, 0.3367, 0.3238



68.4338, 0.3198, 0.3570



68.4338, 0.2820, 0.3066

Complementary

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



68.4338, 0.3367, 0.3238



83.5420, 0.2930, 0.3343

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.



68.4338, 0.2815, 0.3184



68.4338, 0.3367, 0.3238



68.4338, 0.3030, 0.3481

Square

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



68.4338, 0.3367, 0.3238



68.4338, 0.3350, 0.3578



68.4338, 0.2891, 0.3337



68.4338, 0.2905, 0.3011

Rectangle

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



68.4338, 0.3367, 0.3238



68.4338, 0.3455, 0.3469



68.4338, 0.2891, 0.3337



68.4338, 0.2809, 0.3099

Sweetspot

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



68.4369, 0.3367, 0.3238



93.1111, 0.3185, 0.3277



69.2074, 0.3105, 0.2919



19.6611, 0.3196, 0.3274



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.



68.4369, 0.3367, 0.3238



71.8412, 0.3430, 0.3226



74.5391, 0.3385, 0.3423



16.5200, 0.3272, 0.3257



10.5320, 0.6217, 0.3198



0.9370, 0.5927, 0.3039

Inverse Universe

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



68.4369, 0.3367, 0.3238



71.8412, 0.3430, 0.3226



76.5557, 0.2897, 0.3154



16.5200, 0.3272, 0.3257



10.5320, 0.6217, 0.3198



0.9370, 0.5927, 0.3039

Previews

White Background



This preview shows how the Yxy color 68.4338, 0.3367, 0.3238 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 68.4338, 0.3367, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

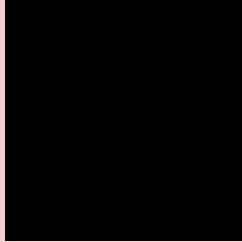
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.4338, 0.3367, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 68.4338, 0.3367, 0.3238.

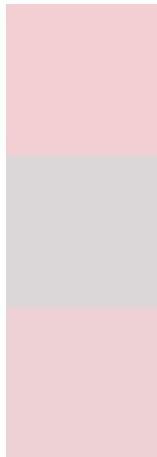


This preview shows how white text looks on a background with the Yxy color 68.4338, 0.3367, 0.3238.

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

68.4338, 0.3367, 0.3238

Protanopia

68.6188, 0.3150, 0.3279

Deuteranopia

68.5315, 0.3326, 0.3259



Tritanopia

68.6496, 0.3302, 0.3124

Trichromacy



Original Color

68.4338, 0.3367, 0.3238

Protanomaly

68.4872, 0.3225, 0.3258

Deuteranomaly

68.3905, 0.3343, 0.3248

Tritanomaly

68.4377, 0.3332, 0.3165

Monochromacy



Original Color

68.4338, 0.3367, 0.3238

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.3819, 0.3209, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4338, 0.3367, 0.3238 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(243, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(243, 207, 212)  
}
```

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(243, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 207, 212) }
```

Border

The CSS property to change the border of an element to Yxy 68.4338, 0.3367, 0.3238 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(243, 207, 212) }
```

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

```
.border{ border-color:rgb(243, 207, 212) }
```

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

Here you see how a box with a 4 pixel rgb(243, 207, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(243, 207,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4338, 0.3367, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 207, 212) }
```

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

```
.background{ background-color: rgb(243,  
207, 212) }
```

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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