

Converting Colors

Yxy(67.2680, 0.3437, 0.3246)

Have a look what the booklet for
Yxy(67.2680, 0.3437, 0.3246)
contains.

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Color

Yxy(67.0401, 0.3435, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	F7CBD0
RGB	247, 203, 208
RGB Percent	97%, 80%, 82%
CMY	0.0313, 0.2039, 0.1845
CMYK	0.00, 0.18, 0.16, 0.03
HSL	353°, 73%, 88%
HSV	353°, 18%, 97%
XYZ	71.0969, 67.0401, 68.8408
YIQ	216.7260, 24.6190, 10.8830

Conversions

Conversions Part 2

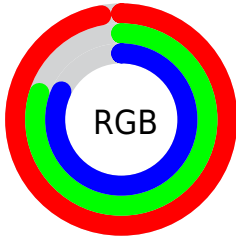
Format	Color
R _Y B	247, 203, 208
Decimal	16239568
CIE Lab	85.52, 16.28, 3.39
CIE LCh	86, 16.624, 11.752
Yxy	67.0401, 0.3435, 0.3239
Android (android.graphics.Color)	4294429648 (0xFFFF7CBD0)
YUV	216.7260, -4.3019, 26.5503
Hunter-Lab	81.8780, 11.7098, 7.4652

Details

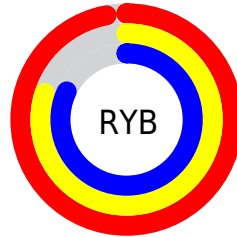
The Yxy color **67.0401, 0.3435, 0.3239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.6385, 0.2885, 0.3342**, and the grayscale version is **69.2089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7751, 0.3505, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **55.2854, 0.3668, 0.3208**, and if you desaturate by 10%, it is **80.8085, 0.3247, 0.3268**.

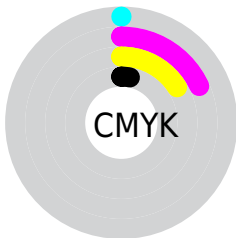
Distribution



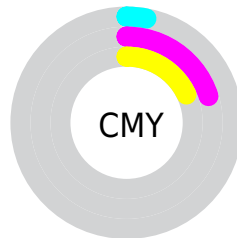
- Red (97%)
- Green (80%)
- Blue (82%)



- Red (97%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (3%)




- Cyan (3%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0401, 0.3435, 0.3239 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 67.0401, 0.3435, 0.3239 by changing the saturation by 10% instead.


 67.0401, 0.3435,
0.3239

 67.0401, 0.3435,
0.3239


450.0875, 0.3290,
0.3264

 49.1172, 0.3469,
0.3233


114.9779, 0.3384,
0.3248

 34.7125, 0.3511,
0.3225


145.7615, 0.3364,
0.3252

 23.4415, 0.3565,
0.3215

181.6009, 0.3347,
0.3254

 14.9198, 0.3637,
0.3201

222.8804, 0.3333,
0.3257

 8.7631, 0.3737,
0.3181

269.9845, 0.3320,
0.3259

 4.5870, 0.3886,
0.3149

323.2974, 0.3309,

 2.0070, 0.4129,

0.3261

0.3094

383.2036, 0.3299,
0.3263

0.6116, 0.4865,
0.3017

0.0000, 0.0000,
0.0000

67.0401, 0.3435,
0.3239

67.0401, 0.3435,
0.3239

55.2854, 0.3668,
0.3208

80.8085, 0.3247,
0.3268

45.4416, 0.3956,
0.3178

96.6693, 0.3097,
0.3296

37.4101, 0.4305,
0.3152

98.5157, 0.3078,
0.3290

31.0803, 0.4711,
0.3133

■ 26.3291, 0.5157,
0.3128

■ 23.0172, 0.5602,
0.3142

■ 20.9806, 0.5985,
0.3179

■ 20.0005, 0.6248,
0.3230

■ 19.8586, 0.6290,
0.3239

Harmonies

Analogous

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



67.0401, 0.3257, 0.3081



67.0401, 0.3435, 0.3239



67.0401, 0.3529, 0.3415

Triad

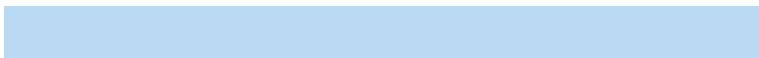
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0401, 0.3435, 0.3239



67.0401, 0.3196, 0.3632



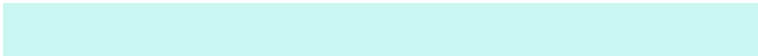
67.0401, 0.2755, 0.3005

Complementary

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



67.0401, 0.3435, 0.3239



85.6385, 0.2885, 0.3342

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.



67.0401, 0.2741, 0.3144



67.0401, 0.3435, 0.3239



67.0401, 0.2991, 0.3514

Square

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



67.0401, 0.3435, 0.3239



67.0401, 0.3388, 0.3648



67.0401, 0.2826, 0.3332



67.0401, 0.2866, 0.2946

Rectangle

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



67.0401, 0.3435, 0.3239



67.0401, 0.3530, 0.3521



67.0401, 0.2826, 0.3332



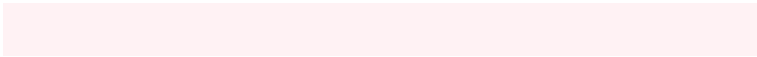
67.0401, 0.2739, 0.3043

Sweetspot

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



67.0431, 0.3435, 0.3239



91.4257, 0.3202, 0.3276



68.2864, 0.3110, 0.2842



19.3208, 0.3213, 0.3274



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

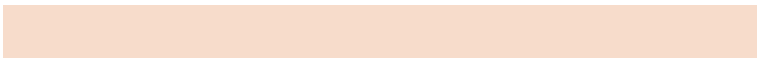
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0431, 0.3435, 0.3239



67.7718, 0.3505, 0.3229



75.2084, 0.3443, 0.3466



16.5128, 0.3276, 0.3264



10.5119, 0.6266, 0.3225



0.9336, 0.6010, 0.3085

Inverse Universe

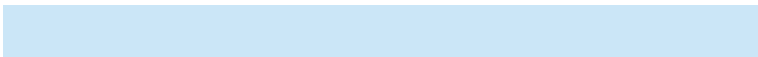
The Inverse Universe completely reimagines the original color for something new.



67.0431, 0.3435, 0.3239



67.7718, 0.3505, 0.3229



76.0858, 0.2849, 0.3107



16.5128, 0.3276, 0.3264



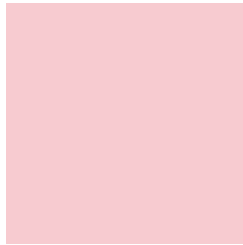
10.5119, 0.6266, 0.3225



0.9336, 0.6010, 0.3085

Previews

White Background



This preview shows how the Yxy color 67.0401, 0.3435, 0.3239 looks on a white background.

Color Contrast Check

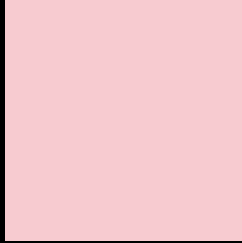
Large Text (above 18pt) WCAG AA × Fail

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 67.0401, 0.3435, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

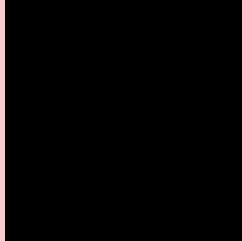
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0401, 0.3435, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 67.0401, 0.3435, 0.3239.



This preview shows how white text looks on a background with the Yxy color 67.0401, 0.3435, 0.3239.

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

67.0401, 0.3435, 0.3239

Protanopia

67.3490, 0.3157, 0.3279

Deuteranopia

67.1352, 0.3358, 0.3291



Tritanopia

67.2073, 0.3375, 0.3135

Trichromacy



Original Color

67.0401, 0.3435, 0.3239

Protanomaly

67.0124, 0.3257, 0.3258

Deuteranomaly

67.3484, 0.3390, 0.3280

Tritanomaly

67.0526, 0.3398, 0.3166

Monochromacy



Original Color

67.0401, 0.3435, 0.3239

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.4360, 0.3232, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0401, 0.3435, 0.3239 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(247, 203, 208)` looks like.

```
.text, #text, p{  
    color:rgb(247, 203, 208)  
}
```

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(247, 203, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 203, 208) }
```

Border

The CSS property to change the border of an element to Yxy 67.0401, 0.3435, 0.3239 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(247, 203, 208) }
```

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

```
.border{ border-color:rgb(247, 203, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 203, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 203, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 203, 208);  
box-shadow:4px 4px 4px 4px rgb(247, 203,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0401, 0.3435, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 203, 208) }
```

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

```
.background{ background-color: rgb(247,  
203, 208) }
```

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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