

Converting Colors

$Y_{xy}(71.4585, 0.3292, 0.3073)$

Have a look what the booklet for
Yxy(71.4585, 0.3292, 0.3073)
contains.

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Color

Yxy(71.3342, 0.3295, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0E6
RGB	251, 208, 230
RGB Percent	98%, 82%, 90%
CMY	0.0155, 0.1844, 0.0979
CMYK	0.00, 0.17, 0.08, 0.02
HSL	329°, 84%, 90%
HSV	329°, 17%, 98%
XYZ	76.6372, 71.3342, 84.6149
YIQ	223.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

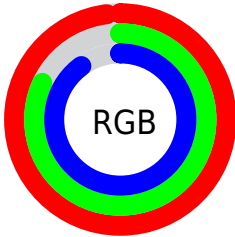
Format	Color
R _Y B	251, 208, 230
Decimal	16503014
CIE Lab	87.65, 18.62, -5.17
CIE LCh	88, 19.326, 344.471
Yxy	71.3342, 0.3295, 0.3067
Android (android.graphics.Color)	4294693094 (0xFFFBD0E6)
YUV	223.3650, 3.2711, 24.2359
Hunter-Lab	84.4596, 14.1636, -0.2773

Details

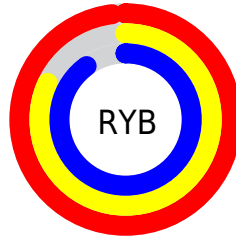
The Yxy color $71.3342, 0.3295, 0.3067$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.0864, 0.2987, 0.3524$, and the grayscale version is $74.0367, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.3469, 0.3329, 0.3004$ is the 20% darker color. If you saturate the color by 10%, you get $59.3861, 0.3420, 0.2930$, and if you desaturate by 10%, it is $85.2743, 0.3191, 0.3200$.

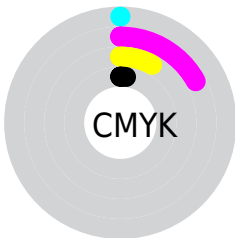
Distribution



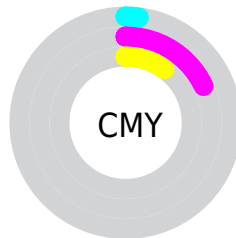
- Red (98%)
- Green (82%)
- Blue (90%)



- Red (98%)
- Yellow (82%)
- Blue (90%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3342, 0.3295, 0.3067 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 71.3342, 0.3295, 0.3067 by changing the saturation by 10% instead.


 71.3342, 0.3295,
0.3067

 71.3342, 0.3295,
0.3067


465.2209, 0.3218,
0.3169

 52.6150, 0.3312,
0.3044


121.1095, 0.3268,
0.3102

 37.4955, 0.3334,
0.3016


152.9343, 0.3258,
0.3116

 25.5914, 0.3361,
0.2980


189.8964, 0.3249,
0.3128

 16.5182, 0.3397,
0.2935

232.3803, 0.3241,
0.3138

 9.8916, 0.3445,
0.2873

280.7703, 0.3234,
0.3147

 5.3271, 0.3513,
0.2785

335.4508, 0.3228,

 2.4404, 0.3620,

0.3155

0.2651

396.8062, 0.3223,
0.3162

0.8466, 0.3807,
0.2420

0.0000, 0.7260,
0.0000

71.3342, 0.3295,
0.3067

71.3342, 0.3295,
0.3067

59.3861, 0.3420,
0.2930

85.2743, 0.3191,
0.3200

49.3287, 0.3570,
0.2792

99.2273, 0.3105,
0.3294

41.0658, 0.3744,
0.2660

99.2573, 0.3103,
0.3290

34.4891, 0.3945,
0.2545

■ 29.4784, 0.4168,
0.2458

■ 25.8975, 0.4406,
0.2411

■ 23.5862, 0.4648,
0.2416

■ 22.3392, 0.4882,
0.2476

■ 22.0899, 0.4948,
0.2499

Harmonies

Analogous

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



71.3342, 0.3057, 0.2941



71.3342, 0.3295, 0.3067



71.3342, 0.3493, 0.3249

Triad

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



71.3342, 0.3295, 0.3067



71.3342, 0.3406, 0.3702



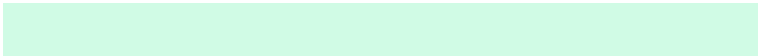
71.3342, 0.2686, 0.3105

Complementary

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



71.3342, 0.3295, 0.3067



88.0864, 0.2987, 0.3524

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.



71.3342, 0.2772, 0.3316



71.3342, 0.3295, 0.3067



71.3342, 0.3183, 0.3673

Square

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



71.3342, 0.3295, 0.3067



71.3342, 0.3556, 0.3615



71.3342, 0.2952, 0.3529



71.3342, 0.2712, 0.2955

Rectangle

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



71.3342, 0.3295, 0.3067



71.3342, 0.3571, 0.3382



71.3342, 0.2952, 0.3529



71.3342, 0.2703, 0.3171

Sweetspot

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



71.3374, 0.3295, 0.3067



91.7389, 0.3171, 0.3227



68.6976, 0.2988, 0.2843



19.3967, 0.3177, 0.3218



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

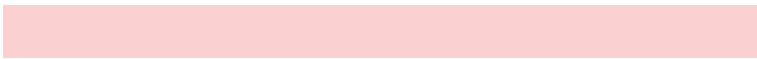
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3374, 0.3295, 0.3067



68.8932, 0.3341, 0.3014



70.2112, 0.3453, 0.3284



17.3736, 0.3213, 0.3169



11.6364, 0.4911, 0.2479



1.0992, 0.4652, 0.2337

Inverse Universe

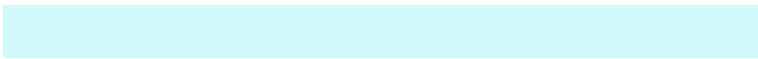
The Inverse Universe completely reimagines the original color for something new.



71.3374, 0.3295, 0.3067



68.8932, 0.3341, 0.3014



89.3520, 0.2871, 0.3297



17.3736, 0.3213, 0.3169



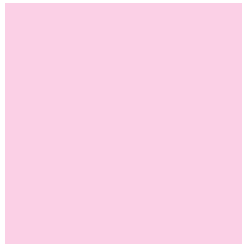
11.6364, 0.4911, 0.2479



1.0992, 0.4652, 0.2337

Previews

White Background



This preview shows how the Yxy color 71.3342, 0.3295, 0.3067 looks on a white background.

Color Contrast Check

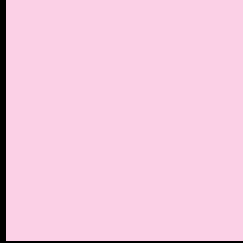
Large Text (above 18pt) WCAG AA × Fail

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 71.3342, 0.3295, 0.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

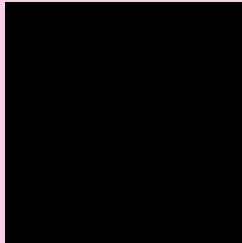
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3342, 0.3295, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 71.3342, 0.3295, 0.3067.

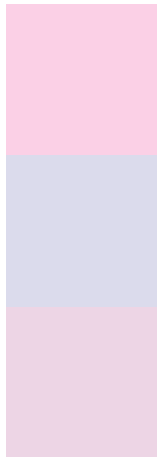


This preview shows how white text looks on a background with the Yxy color 71.3342, 0.3295, 0.3067.

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

71.3342, 0.3295, 0.3067

Protanopia

71.7792, 0.3017, 0.3107

Deuteranopia

71.2502, 0.3194, 0.3123



Tritanopia

71.3612, 0.3322, 0.3127

Trichromacy



Original Color

71.3342, 0.3295, 0.3067

Protanomaly

71.5303, 0.3115, 0.3090

Deuteranomaly

71.1229, 0.3232, 0.3104

Tritanomaly

71.4710, 0.3308, 0.3107

Monochromacy



Original Color

71.3342, 0.3295, 0.3067

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9574, 0.3181, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3342, 0.3295, 0.3067 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, 208, 230)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 230)  
}
```

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, 208, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 230) }
```

Border

The CSS property to change the border of an element to Yxy 71.3342, 0.3295, 0.3067 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, 208, 230) }
```

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

```
.border{ border-color:rgb(251, 208, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 230);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3342, 0.3295, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 230) }
```

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

```
.background{ background-color: rgb(251,  
208, 230) }
```

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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