

Converting Colors

$Yxy(72.9147, 0.3309, 0.3065)$

Have a look what the booklet for
Yxy(72.9147, 0.3309, 0.3065)
contains.

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Color

Yxy(72.6871, 0.3309, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1E8
RGB	255, 209, 232
RGB Percent	100%, 82%, 91%
CMY	0.0001, 0.1803, 0.0901
CMYK	0.00, 0.18, 0.09, 0.00
HSL	330°, 100%, 91%
HSV	330°, 18%, 100%
XYZ	78.6018, 72.6871, 86.2506
YIQ	225.3760, 20.0330, 16.9050

Conversions

Conversions Part 2

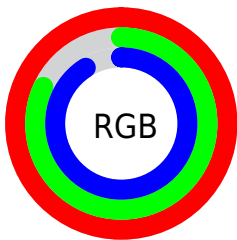
Format	Color
R _Y B	255, 209, 232
Decimal	16765416
CIE Lab	88.30, 19.76, -5.23
CIE LCh	88, 20.438, 345.176
Yxy	72.6871, 0.3309, 0.3060
Android (android.graphics.Color)	4294955496 (0xFFFFD1E8)
YUV	225.3760, 3.2656, 25.9802
Hunter-Lab	85.2567, 15.3675, -0.3015

Details

The Yxy color **72.6871, 0.3309, 0.3060** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.8854, 0.2977, 0.3532**, and the grayscale version is **75.5464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2516, 0.3357, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **60.4654, 0.3439, 0.2925**, and if you desaturate by 10%, it is **86.9698, 0.3200, 0.3190**.

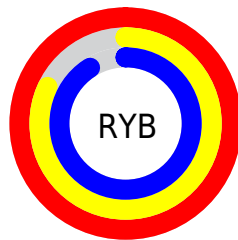
Distribution



Red (100%)

Green (82%)

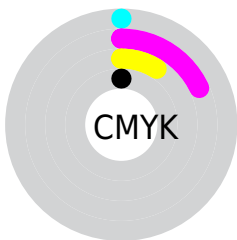
Blue (91%)



Red (100%)

Yellow (82%)

Blue (91%)

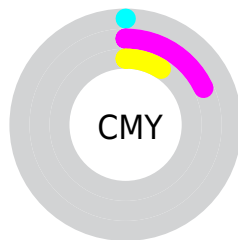


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6871, 0.3309, 0.3060 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 72.6871, 0.3309, 0.3060 by changing the saturation by 10% instead.

 72.6871, 0.3309,
0.3060

 72.6871, 0.3309,
0.3060


469.9296, 0.3226,
0.3165

 53.7201, 0.3328,
0.3037


123.0329, 0.3280,
0.3096

 38.3780, 0.3351,
0.3008


155.1805, 0.3269,
0.3110

 26.2762, 0.3380,
0.2972


192.4905, 0.3259,
0.3122

 17.0304, 0.3418,
0.2925

235.3473, 0.3251,
0.3133

 10.2561, 0.3469,
0.2862

284.1352, 0.3244,
0.3142

 5.5691, 0.3542,
0.2774

339.2386, 0.3237,

 2.5849, 0.3655,

0.3150

0.2639

401.0420, 0.3231,
0.3158

0.9191, 0.3850,
0.2412

0.0000, 0.6540,
0.0000

72.6871, 0.3309,
0.3060

72.6871, 0.3309,
0.3060

60.4654, 0.3439,
0.2925

86.9698, 0.3200,
0.3190

50.1990, 0.3595,
0.2790

99.9953, 0.3127,
0.3290

41.7870, 0.3777,
0.2663

35.1160, 0.3985,
0.2552

■ 30.0597, 0.4216,
0.2470

■ 26.4747, 0.4463,
0.2430

■ 24.1915, 0.4712,
0.2443

■ 22.9813, 0.4952,
0.2511

■ 22.8052, 0.4998,
0.2527

Harmonies

Analogous

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



72.6871, 0.3059, 0.2926



72.6871, 0.3309, 0.3060



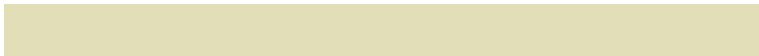
72.6871, 0.3515, 0.3251

Triad

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



72.6871, 0.3309, 0.3060



72.6871, 0.3415, 0.3724



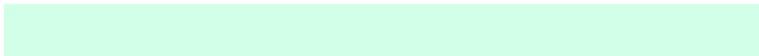
72.6871, 0.2664, 0.3090

Complementary

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



72.6871, 0.3309, 0.3060



90.8854, 0.2977, 0.3532

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.



72.6871, 0.2751, 0.3312



72.6871, 0.3309, 0.3060



72.6871, 0.3180, 0.3691

Square

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



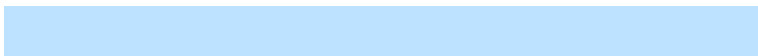
72.6871, 0.3309, 0.3060



72.6871, 0.3576, 0.3634



72.6871, 0.2938, 0.3537



72.6871, 0.2694, 0.2936

Rectangle

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



72.6871, 0.3309, 0.3060



72.6871, 0.3596, 0.3391



72.6871, 0.2938, 0.3537



72.6871, 0.2680, 0.3159

Sweetspot

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



72.6903, 0.3309, 0.3060



91.7299, 0.3172, 0.3229



69.8526, 0.2980, 0.2818



19.3946, 0.3178, 0.3220



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.



72.6903, 0.3309, 0.3060



67.6064, 0.3358, 0.3007



71.5047, 0.3473, 0.3283



18.1388, 0.3215, 0.3172



11.9490, 0.4961, 0.2507



1.1855, 0.4707, 0.2367

Inverse Universe

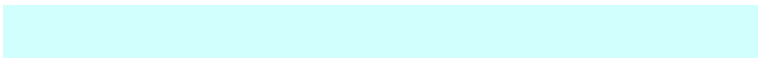
The Inverse Universe completely reimagines the original color for something new.



72.6903, 0.3309, 0.3060



67.6064, 0.3358, 0.3007



92.2306, 0.2859, 0.3297



18.1388, 0.3215, 0.3172



11.9490, 0.4961, 0.2507



1.1855, 0.4707, 0.2367

Previews

White Background



This preview shows how the Yxy color 72.6871, 0.3309, 0.3060 looks on a white background.

Color Contrast Check

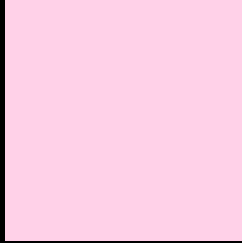
Large Text (above 18pt) WCAG AA × Fail

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 72.6871, 0.3309, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

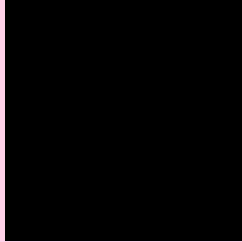
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6871, 0.3309, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 72.6871, 0.3309, 0.3060.



This preview shows how white text looks on a background with the Yxy color 72.6871, 0.3309, 0.3060.

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

72.6871, 0.3309, 0.3060

Protanopia

72.7905, 0.3011, 0.3088

Deuteranopia

72.7211, 0.3193, 0.3124



Tritanopia

72.6550, 0.3344, 0.3129

Trichromacy



Original Color

72.6871, 0.3309, 0.3060

Protanomaly

72.4915, 0.3115, 0.3081

Deuteranomaly

72.7705, 0.3238, 0.3106

Tritanomaly

72.7655, 0.3330, 0.3109

Monochromacy



Original Color

72.6871, 0.3309, 0.3060

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.0973, 0.3189, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6871, 0.3309, 0.3060 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(255, 209, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 232)  
}
```

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(255, 209, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 232) }
```

Border

The CSS property to change the border of an element to Yxy 72.6871, 0.3309, 0.3060 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(255, 209, 232) }
```

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

```
.border{ border-color:rgb(255, 209, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6871, 0.3309, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 232) }
```

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

```
.background{ background-color: rgb(255,  
209, 232) }
```

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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