

Converting Colors

$Y_{xy}(72.4139, 0.3346, 0.3195)$

Have a look what the booklet for
Yxy(72.4139, 0.3346, 0.3195)
contains.

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Color

Yxy(72.6314, 0.3348, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	FAD4DD
RGB	250, 212, 221
RGB Percent	98%, 83%, 87%
CMY	0.0196, 0.1686, 0.1334
CMYK	0.00, 0.15, 0.12, 0.02
HSL	346°, 79%, 91%
HSV	346°, 15%, 98%
XYZ	76.0144, 72.6314, 78.3983
YIQ	224.3880, 19.7590, 10.8550

Conversions

Conversions Part 2

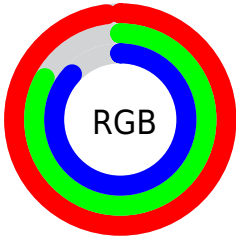
Format	Color
R _Y B	250, 212, 221
Decimal	16438493
CIE Lab	88.27, 14.66, 0.52
CIE LCh	88, 14.674, 2.033
Yxy	72.6314, 0.3348, 0.3199
Android (android.graphics.Color)	4294628573 (0xFF FAD4DD)
YUV	224.3880, -1.6703, 22.4617
Hunter-Lab	85.2241, 10.0684, 5.1155

Details

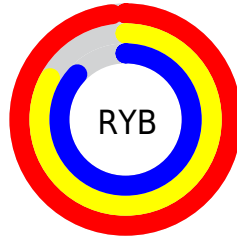
The Yxy color **72.6314, 0.3348, 0.3199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7203, 0.2945, 0.3383**, and the grayscale version is **74.8355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2046, 0.3399, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **60.1268, 0.3537, 0.3135**, and if you desaturate by 10%, it is **87.1934, 0.3195, 0.3260**.

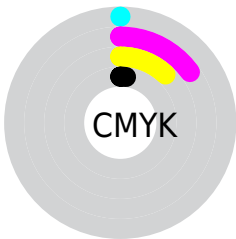
Distribution



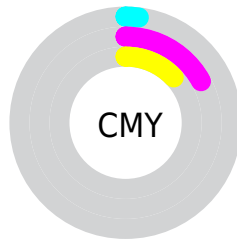
- Red (98%)
- Green (83%)
- Blue (87%)



- Red (98%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6314, 0.3348, 0.3199 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 72.6314, 0.3348, 0.3199 by changing the saturation by 10% instead.


 72.6314, 0.3348,
0.3199

 72.6314, 0.3348,
0.3199

469.7363, 0.3246,
0.3241

 53.6746, 0.3371,
0.3189

122.9538, 0.3312,
0.3214

 38.3416, 0.3401,
0.3177


155.0882, 0.3299,
0.3220

 26.2479, 0.3437,
0.3162


192.3839, 0.3287,
0.3224

 17.0092, 0.3486,
0.3142

235.2254, 0.3276,
0.3229

 10.2410, 0.3552,
0.3114

283.9969, 0.3267,
0.3232

 5.5591, 0.3648,
0.3074

339.0830, 0.3259,

 2.5789, 0.3800,

0.3236

0.3009

400.8680, 0.3252,
0.3239

0.9161, 0.4075,
0.2892

0.0000, 1.0000,
0.0000

72.6314, 0.3348,
0.3199

72.6314, 0.3348,
0.3199

60.1268, 0.3537,
0.3135

87.1934, 0.3195,
0.3260

49.5772, 0.3769,
0.3070

99.0632, 0.3096,
0.3290

40.8862, 0.4051,
0.3009

33.9452, 0.4383,
0.2958

■ 28.6342, 0.4760,
0.2927

■ 24.8180, 0.5161,
0.2927

■ 22.3395, 0.5551,
0.2965

■ 21.0057, 0.5883,
0.3044

■ 20.6387, 0.6015,
0.3087

Harmonies

Analogous

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



72.6314, 0.3181, 0.3073



72.6314, 0.3348, 0.3199



72.6314, 0.3456, 0.3350

Triad

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



72.6314, 0.3348, 0.3199



72.6314, 0.3244, 0.3597



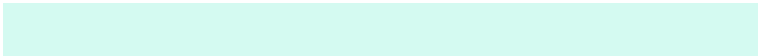
72.6314, 0.2793, 0.3078

Complementary

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



72.6314, 0.3348, 0.3199



88.7203, 0.2945, 0.3383

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.



72.6314, 0.2809, 0.3215



72.6314, 0.3348, 0.3199



72.6314, 0.3066, 0.3522

Square

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



72.6314, 0.3348, 0.3199



72.6314, 0.3394, 0.3583



72.6314, 0.2908, 0.3380



72.6314, 0.2863, 0.3002

Rectangle

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



72.6314, 0.3348, 0.3199



72.6314, 0.3478, 0.3447



72.6314, 0.2908, 0.3380



72.6314, 0.2789, 0.3118

Sweetspot

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



72.6346, 0.3348, 0.3199



91.5215, 0.3192, 0.3261



72.6072, 0.3077, 0.2905



19.3440, 0.3202, 0.3257



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

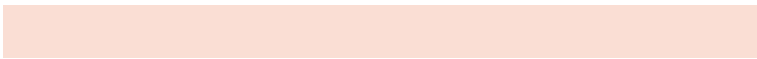
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6346, 0.3348, 0.3199



72.0735, 0.3397, 0.3181



77.0584, 0.3398, 0.3388



17.2923, 0.3257, 0.3234



10.9662, 0.5977, 0.3066



1.0314, 0.5649, 0.2886

Inverse Universe

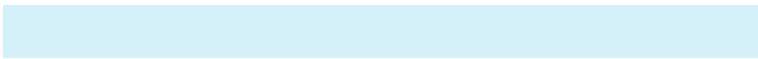
The Inverse Universe completely reimagines the original color for something new.



72.6346, 0.3348, 0.3199



72.0735, 0.3397, 0.3181



83.5153, 0.2892, 0.3190



17.2923, 0.3257, 0.3234



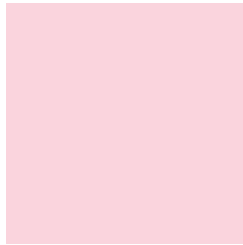
10.9662, 0.5977, 0.3066



1.0314, 0.5649, 0.2886

Previews

White Background



This preview shows how the Yxy color 72.6314, 0.3348, 0.3199 looks on a white background.

Color Contrast Check

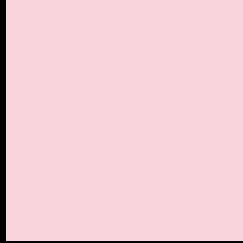
Large Text (above 18pt) WCAG AA × Fail

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 72.6314, 0.3348, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

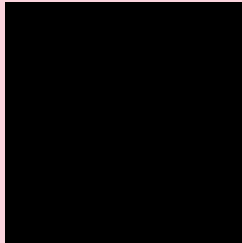
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6314, 0.3348, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 72.6314, 0.3348, 0.3199.



This preview shows how white text looks on a background with the Yxy color 72.6314, 0.3348, 0.3199.

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

72.6314, 0.3348, 0.3199

Protanopia

73.0512, 0.3116, 0.3236

Deuteranopia

72.8229, 0.3299, 0.3239



Tritanopia

72.6438, 0.3313, 0.3128

Trichromacy



Original Color

72.6314, 0.3348, 0.3199

Protanomaly

72.8483, 0.3195, 0.3227

Deuteranomaly

72.8533, 0.3323, 0.3229

Tritanomaly

72.5340, 0.3328, 0.3148

Monochromacy



Original Color

72.6314, 0.3348, 0.3199

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8378, 0.3200, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6314, 0.3348, 0.3199 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(250, 212, 221)` looks like.

```
.text, #text, p{  
    color:rgb(250, 212, 221)  
}
```

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(250, 212, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 212, 221) }
```

Border

The CSS property to change the border of an element to Yxy 72.6314, 0.3348, 0.3199 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(250, 212, 221) }
```

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

```
.border{ border-color:rgb(250, 212, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 212, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 212, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 212, 221);  
box-shadow:4px 4px 4px 4px rgb(250, 212,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6314, 0.3348, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 212, 221) }
```

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

```
.background{ background-color: rgb(250,  
212, 221) }
```

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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