

Converting Colors

$Yxy(73.6236, 0.3229, 0.3127)$

Have a look what the booklet for
Yxy(73.6236, 0.3229, 0.3127)
contains.

Yxy(73.6035, 0.3229, 0.3126)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.6035, 0.3229, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	F4D7E7
RGB	244, 215, 231
RGB Percent	96%, 84%, 91%
CMY	0.0432, 0.1568, 0.0940
CMYK	0.00, 0.12, 0.05, 0.04
HSL	327°, 57%, 90%
HSV	327°, 12%, 96%
XYZ	76.0287, 73.6035, 85.8237
YIQ	225.4950, 12.1480, 11.1240

Conversions

Conversions Part 2

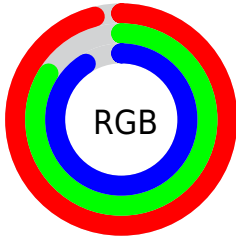
Format	Color
RYB	244, 215, 231
Decimal	16046055
CIELab	88.73, 12.70, -4.17
CIELCh	89, 13.365, 341.818
Yxy	73.6035, 0.3229, 0.3126
Android (android.graphics.Color)	4294236135 (0xFFFF4D7E7)
YUV	225.4950, 2.7140, 16.2289
Hunter-Lab	85.7925, 8.0486, 0.7432

Details

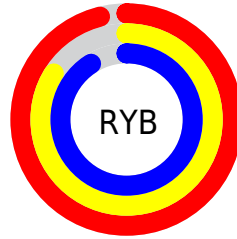
The Yxy color **73.6035, 0.3229, 0.3126** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.7330, 0.3037, 0.3460**, and the grayscale version is **75.6445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9281, 0.3261, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **61.4963, 0.3334, 0.2981**, and if you desaturate by 10%, it is **87.6082, 0.3142, 0.3265**.

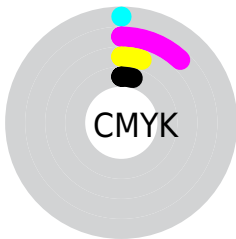
Distribution



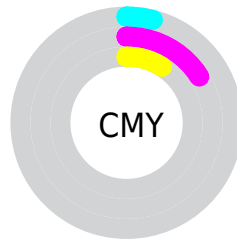
- Red (96%)
- Green (84%)
- Blue (91%)



- Red (96%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6035, 0.3229, 0.3126 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 73.6035, 0.3229, 0.3126 by changing the saturation by 10% instead.


 73.6035, 0.3229,
0.3126

 73.6035, 0.3229,
0.3126


473.1038, 0.3182,
0.3201

 54.4696, 0.3240,
0.3109


124.3336, 0.3213,
0.3152

 38.9772, 0.3252,
0.3088


156.6985, 0.3207,
0.3162

 26.7420, 0.3269,
0.3062


194.2426, 0.3201,
0.3171

 17.3795, 0.3290,
0.3029

237.3502, 0.3197,
0.3178

 10.5055, 0.3318,
0.2983

286.4057, 0.3192,
0.3185

 5.7354, 0.3359,
0.2919

341.7936, 0.3189,

 2.6848, 0.3422,

0.3191

0.2820

403.8981, 0.3185,
0.3196

0.9695, 0.3531,
0.2651

0.0000, 0.5598,
0.0000

73.6035, 0.3229,
0.3126

73.6035, 0.3229,
0.3126

61.4963, 0.3334,
0.2981

87.6082, 0.3142,
0.3265

51.1947, 0.3458,
0.2832

97.8297, 0.3072,
0.3311

42.6131, 0.3604,
0.2686

97.9683, 0.3059,
0.3290

35.6557, 0.3773,
0.2552

■ 30.2168, 0.3963,
0.2439

■ 26.1782, 0.4169,
0.2360

■ 23.4040, 0.4384,
0.2327

■ 21.7308, 0.4599,
0.2348

■ 20.9763, 0.4767,
0.2400

Harmonies

Analogous

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



73.6035, 0.3066, 0.3042



73.6035, 0.3229, 0.3126



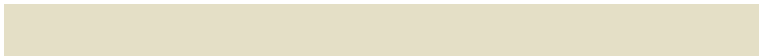
73.6035, 0.3367, 0.3251

Triad

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



73.6035, 0.3229, 0.3126



73.6035, 0.3331, 0.3569



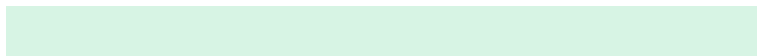
73.6035, 0.2825, 0.3178

Complementary

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



73.6035, 0.3229, 0.3126



84.7330, 0.3037, 0.3460

Split Complementary

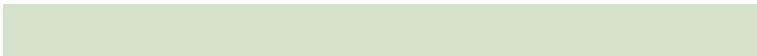
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6035, 0.2892, 0.3323



73.6035, 0.3229, 0.3126



73.6035, 0.3182, 0.3554

Square

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



73.6035, 0.3229, 0.3126



73.6035, 0.3426, 0.3506



73.6035, 0.3022, 0.3463



73.6035, 0.2836, 0.3068

Rectangle

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



73.6035, 0.3229, 0.3126



73.6035, 0.3424, 0.3344



73.6035, 0.3022, 0.3463



73.6035, 0.2839, 0.3224

Sweetspot

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



73.6067, 0.3229, 0.3126



93.3738, 0.3159, 0.3236



71.5595, 0.3025, 0.2987



19.7274, 0.3165, 0.3226



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

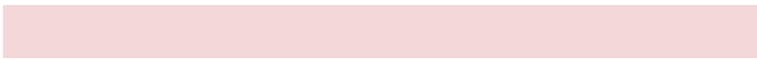
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6067, 0.3229, 0.3126



78.3145, 0.3250, 0.3095



72.8422, 0.3328, 0.3271



16.6360, 0.3207, 0.3160



11.4365, 0.4736, 0.2382



1.0259, 0.4491, 0.2248

Inverse Universe

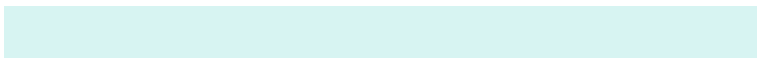
The Inverse Universe completely reimagines the original color for something new.



73.6067, 0.3229, 0.3126



78.3145, 0.3250, 0.3095



85.5476, 0.2956, 0.3310



16.6360, 0.3207, 0.3160



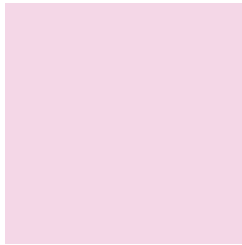
11.4365, 0.4736, 0.2382



1.0259, 0.4491, 0.2248

Previews

White Background



This preview shows how the Yxy color 73.6035, 0.3229, 0.3126 looks on a white background.

Color Contrast Check

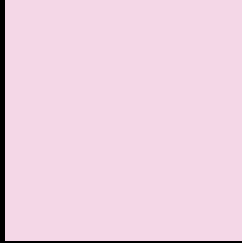
Large Text (above 18pt) WCAG AA × Fail

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 73.6035, 0.3229, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

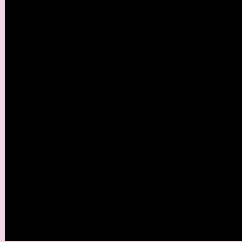
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6035, 0.3229, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 73.6035, 0.3229, 0.3126.

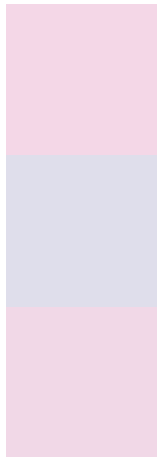


This preview shows how white text looks on a background with the Yxy color 73.6035, 0.3229, 0.3126.

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

73.6035, 0.3229, 0.3126

Protanopia

73.9287, 0.3050, 0.3152

Deuteranopia

73.5820, 0.3207, 0.3135



Tritanopia

73.6602, 0.3223, 0.3116

Trichromacy



Original Color

73.6035, 0.3229, 0.3126

Protanomaly

73.5925, 0.3113, 0.3133

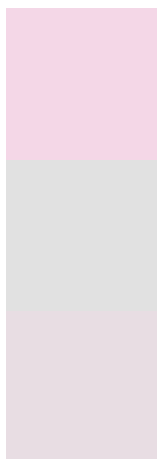
Deuteranomaly

73.7585, 0.3214, 0.3136

Tritanomaly

73.6602, 0.3223, 0.3116

Monochromacy



Original Color

73.6035, 0.3229, 0.3126

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.4148, 0.3166, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6035, 0.3229, 0.3126 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(244, 215, 231)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 231)  
}
```

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(244, 215, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 231) }
```

Border

The CSS property to change the border of an element to Yxy 73.6035, 0.3229, 0.3126 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(244, 215, 231) }
```

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

```
.border{ border-color:rgb(244, 215, 231) }
```

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

Here you see how a box with a 4 pixel rgb(244, 215, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 231);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6035, 0.3229, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 231) }
```

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

```
.background{ background-color: rgb(244,  
215, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor