

Converting Colors

$Y_{xy}(73.2323, 0.3295, 0.3094)$

Have a look what the booklet for
Yxy(73.2323, 0.3295, 0.3094)
contains.

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Color

Yxy(73.0535, 0.3292, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	FCD3E7
RGB	252, 211, 231
RGB Percent	99%, 83%, 91%
CMY	0.0119, 0.1725, 0.0942
CMYK	0.00, 0.16, 0.08, 0.01
HSL	331°, 87%, 91%
HSV	331°, 16%, 99%
XYZ	77.8544, 73.0535, 85.5878
YIQ	225.5390, 18.0160, 14.9120

Conversions

Conversions Part 2

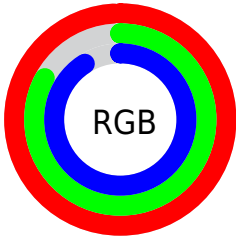
Format	Color
R _Y B	252, 211, 231
Decimal	16569319
CIE Lab	88.47, 17.51, -4.45
CIE LCh	88, 18.068, 345.735
Yxy	73.0535, 0.3292, 0.3089
Android (android.graphics.Color)	4294759399 (0xFFFC D3E7)
YUV	225.5390, 2.6923, 23.2063
Hunter-Lab	85.4713, 13.0177, 0.4592

Details

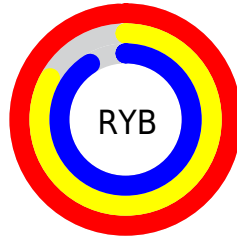
The Yxy color **73.0535, 0.3292, 0.3089** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.2833, 0.2989, 0.3500**, and the grayscale version is **75.6738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4742, 0.3334, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **60.7986, 0.3421, 0.2958**, and if you desaturate by 10%, it is **87.3311, 0.3185, 0.3215**.

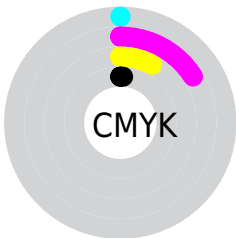
Distribution



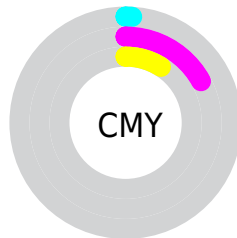
- Red (99%)
- Green (83%)
- Blue (91%)



- Red (99%)
- Yellow (83%)
- Blue (91%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (1%)





- Cyan (1%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0535, 0.3292, 0.3089 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 73.0535, 0.3292, 0.3089 by changing the saturation by 10% instead.

 73.0535, 0.3292,
0.3089

 73.0535, 0.3292,
0.3089


471.2002, 0.3216,
0.3181

 54.0197, 0.3309,
0.3068


123.5532, 0.3266,
0.3121

 38.6174, 0.3330,
0.3043


155.7878, 0.3256,
0.3133

 26.4622, 0.3357,
0.3011


193.1916, 0.3247,
0.3143

 17.1698, 0.3391,
0.2970

236.1488, 0.3239,
0.3153

 10.3556, 0.3438,
0.2915

285.0438, 0.3233,
0.3161

 5.6354, 0.3505,
0.2837

340.2612, 0.3227,

 2.6247, 0.3608,

0.3168

0.2717

402.1852, 0.3221,
0.3175

0.9391, 0.3788,
0.2514

0.0000, 0.6771,
0.0000

73.0535, 0.3292,
0.3089

73.0535, 0.3292,
0.3089

60.7986, 0.3421,
0.2958

87.3311, 0.3185,
0.3215

50.4643, 0.3576,
0.2826

99.4309, 0.3108,
0.3290

41.9544, 0.3758,
0.2700

35.1601, 0.3968,
0.2588

■ 29.9613, 0.4204,
0.2503

■ 26.2219, 0.4456,
0.2458

■ 23.7827, 0.4714,
0.2464

■ 22.4460, 0.4963,
0.2525

■ 22.1172, 0.5054,
0.2558

Harmonies

Analogous

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



73.0535, 0.3072, 0.2969



73.0535, 0.3292, 0.3089



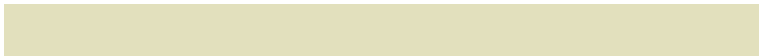
73.0535, 0.3472, 0.3260

Triad

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



73.0535, 0.3292, 0.3089



73.0535, 0.3378, 0.3673



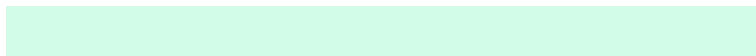
73.0535, 0.2716, 0.3112

Complementary

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



73.0535, 0.3292, 0.3089



89.2833, 0.2989, 0.3500

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.



73.0535, 0.2792, 0.3306



73.0535, 0.3292, 0.3089



73.0535, 0.3171, 0.3641

Square

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



73.0535, 0.3292, 0.3089



73.0535, 0.3521, 0.3597



73.0535, 0.2957, 0.3504



73.0535, 0.2745, 0.2975

Rectangle

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



73.0535, 0.3292, 0.3089



73.0535, 0.3541, 0.3384



73.0535, 0.2957, 0.3504



73.0535, 0.2730, 0.3172

Sweetspot

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



73.0567, 0.3292, 0.3089



91.7195, 0.3173, 0.3230



70.6955, 0.3001, 0.2868



19.3920, 0.3179, 0.3222



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.



73.0567, 0.3292, 0.3089



70.0954, 0.3338, 0.3040



71.9920, 0.3437, 0.3291



17.3663, 0.3217, 0.3175



11.5532, 0.5015, 0.2536



1.0914, 0.4742, 0.2386

Inverse Universe

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



73.0567, 0.3292, 0.3089



70.0954, 0.3338, 0.3040



90.4835, 0.2880, 0.3289



17.3663, 0.3217, 0.3175



11.5532, 0.5015, 0.2536



1.0914, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 73.0535, 0.3292, 0.3089 looks on a white background.

Color Contrast Check

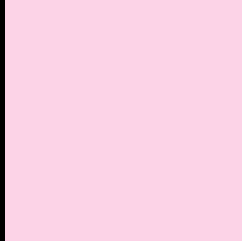
Large Text (above 18pt) WCAG AA × Fail

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 73.0535, 0.3292, 0.3089 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 73.0535, 0.3292, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 73.0535, 0.3292, 0.3089.



This preview shows how white text looks on a background with the Yxy color 73.0535, 0.3292, 0.3089.

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

73.0535, 0.3292, 0.3089

Protanopia

73.3569, 0.3031, 0.3120

Deuteranopia

73.3502, 0.3206, 0.3145



Tritanopia

73.3839, 0.3312, 0.3129

Trichromacy



Original Color

73.0535, 0.3292, 0.3089

Protanomaly

72.9475, 0.3122, 0.3102

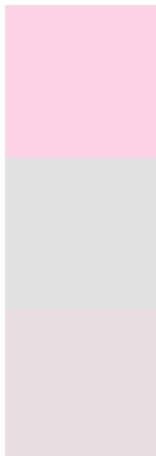
Deuteranomaly

73.0394, 0.3237, 0.3126

Tritanomaly

73.4396, 0.3305, 0.3119

Monochromacy



Original Color

73.0535, 0.3292, 0.3089

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.9765, 0.3180, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0535, 0.3292, 0.3089 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(252, 211, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 211, 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(252, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 211, 231) }
```

Border

The CSS property to change the border of an element to Yxy 73.0535, 0.3292, 0.3089 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(252, 211, 231) }
```

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

```
.border{ border-color:rgb(252, 211, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 211, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 211,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0535, 0.3292, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 211, 231) }
```

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

```
.background{ background-color: rgb(252,  
211, 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](#).

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