

Converting Colors

$Y_{xy}(73.6095, 0.3322, 0.3026)$

Have a look what the booklet for
Yxy(73.6095, 0.3322, 0.3026)
contains.

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Color

Yxy(72.8591, 0.3288, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1EB
RGB	255, 209, 235
RGB Percent	100%, 82%, 92%
CMY	0.0000, 0.1804, 0.0785
CMYK	0.00, 0.18, 0.08, 0.00
HSL	326°, 100%, 91%
HSV	326°, 18%, 100%
XYZ	79.0369, 72.8591, 88.4838
YIQ	225.7180, 19.0700, 17.8380

Conversions

Conversions Part 2

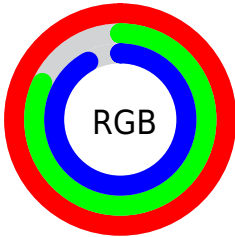
Format	Color
R _Y B	255, 209, 235
Decimal	16765419
CIE Lab	88.38, 20.27, -6.67
CIE LCh	88, 21.337, 341.782
Yxy	72.8591, 0.3288, 0.3031
Android (android.graphics.Color)	4294955499 (0xFFFFD1EB)
YUV	225.7180, 4.5760, 25.6803
Hunter-Lab	85.3575, 15.9065, -1.7112

Details

The Yxy color **72.8591, 0.3288, 0.3031** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.7340, 0.2993, 0.3564**, and the grayscale version is **75.7948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3716, 0.3328, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **60.7112, 0.3402, 0.2880**, and if you desaturate by 10%, it is **87.0518, 0.3192, 0.3178**.

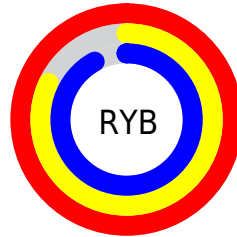
Distribution



Red (100%)

Green (82%)

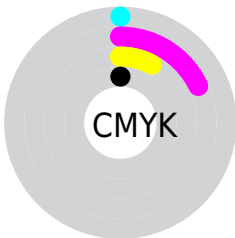
Blue (92%)



Red (100%)

Yellow (82%)

Blue (92%)

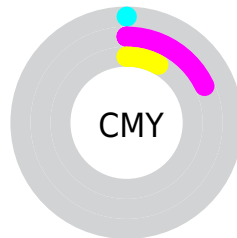


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8591, 0.3288, 0.3031 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 72.8591, 0.3288, 0.3031 by changing the saturation by 10% instead.


 72.8591, 0.3288,
0.3031

 72.8591, 0.3288,
0.3031


470.5263, 0.3215,
0.3148

 53.8608, 0.3304,
0.3005

123.2772, 0.3263,
0.3071

 38.4904, 0.3325,
0.2973

155.4657, 0.3253,
0.3087

 26.3635, 0.3350,
0.2932


192.8197, 0.3244,
0.3101

 17.0958, 0.3383,
0.2881

235.7236, 0.3237,
0.3113

 10.3028, 0.3427,
0.2811

284.5619, 0.3231,
0.3123

 5.6002, 0.3489,
0.2714

339.7188, 0.3225,

 2.6035, 0.3584,

0.3132

0.2567

401.5788, 0.3220,
0.3141

0.9284, 0.3746,
0.2322

0.0000, 0.5447,
0.0000

72.8591, 0.3288,
0.3031

72.8591, 0.3288,
0.3031

60.7112, 0.3402,
0.2880

87.0518, 0.3192,
0.3178

50.5088, 0.3536,
0.2729

100.0000, 0.3127,
0.3290

42.1497, 0.3693,
0.2586

35.5205, 0.3870,
0.2461

■ 30.4954, 0.4064,
0.2365

■ 26.9314, 0.4271,
0.2311

■ 24.6595, 0.4480,
0.2310

■ 23.4510, 0.4682,
0.2361

■ 23.2751, 0.4722,
0.2375

Harmonies

Analogous

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



72.8591, 0.3027, 0.2901



72.8591, 0.3288, 0.3031



72.8591, 0.3512, 0.3225

Triad

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



72.8591, 0.3288, 0.3031



72.8591, 0.3451, 0.3738



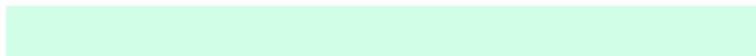
72.8591, 0.2649, 0.3105

Complementary

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



72.8591, 0.3288, 0.3031



90.7340, 0.2993, 0.3564

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.



72.8591, 0.2753, 0.3340



72.8591, 0.3288, 0.3031



72.8591, 0.3211, 0.3720

Square

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



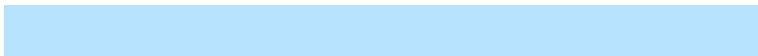
72.8591, 0.3288, 0.3031



72.8591, 0.3607, 0.3631



72.8591, 0.2956, 0.3572



72.8591, 0.2666, 0.2934

Rectangle

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



72.8591, 0.3288, 0.3031



72.8591, 0.3606, 0.3370



72.8591, 0.2956, 0.3572



72.8591, 0.2670, 0.3179

Sweetspot

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



72.8602, 0.3288, 0.3031



91.7810, 0.3167, 0.3221



69.4703, 0.2964, 0.2815



19.4070, 0.3172, 0.3211



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.



72.8602, 0.3288, 0.3031



67.8073, 0.3331, 0.2971



71.6199, 0.3456, 0.3260



18.1590, 0.3205, 0.3157



12.1923, 0.4690, 0.2357



1.2091, 0.4474, 0.2238

Inverse Universe

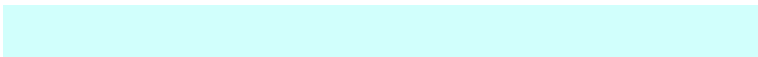
The Inverse Universe completely reimagines the original color for something new.



72.8602, 0.3288, 0.3031



67.8073, 0.3331, 0.2971



92.0999, 0.2871, 0.3321



18.1590, 0.3205, 0.3157



12.1923, 0.4690, 0.2357



1.2091, 0.4474, 0.2238

Previews

White Background



This preview shows how the Yxy color 72.8591, 0.3288, 0.3031 looks on a white background.

Color Contrast Check

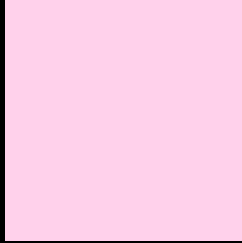
Large Text (above 18pt) WCAG AA × Fail

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 72.8591, 0.3288, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

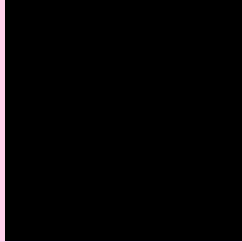
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8591, 0.3288, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 72.8591, 0.3288, 0.3031.



This preview shows how white text looks on a background with the Yxy color 72.8591, 0.3288, 0.3031.

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

72.8591, 0.3288, 0.3031

Protanopia

73.3394, 0.2986, 0.3067

Deuteranopia

72.7185, 0.3165, 0.3093



Tritanopia

72.7101, 0.3337, 0.3119

Trichromacy



Original Color

72.8591, 0.3288, 0.3031

Protanomaly

73.1813, 0.3095, 0.3061

Deuteranomaly

72.7621, 0.3210, 0.3075

Tritanomaly

72.8772, 0.3315, 0.3089

Monochromacy



Original Color

72.8591, 0.3288, 0.3031

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.8481, 0.3189, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8591, 0.3288, 0.3031 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 235) }
```

Border

The CSS property to change the border of an element to Yxy 72.8591, 0.3288, 0.3031 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, 235) }
```

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

```
.border{ border-color:rgb(255, 209, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8591, 0.3288, 0.3031 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
209, 235) }
```

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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