

Converting Colors

$Y_{xy}(72.1830, 0.3382, 0.3161)$

Have a look what the booklet for
Yxy(72.1830, 0.3382, 0.3161)
contains.

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Color

Yxy(72.1349, 0.3382, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1DE
RGB	255, 209, 222
RGB Percent	100%, 82%, 87%
CMY	0.0000, 0.1804, 0.1293
CMYK	0.00, 0.18, 0.13, 0.00
HSL	343°, 100%, 91%
HSV	343°, 18%, 100%
XYZ	77.2270, 72.1349, 78.9853
YIQ	224.2360, 23.2430, 13.7950

Conversions

Conversions Part 2

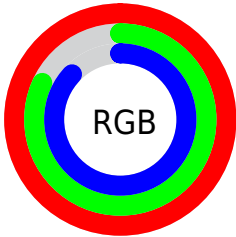
Format	Color
R _Y B	255, 209, 222
Decimal	16765406
CIE Lab	88.03, 18.15, -0.34
CIE LCh	88, 18.150, 358.938
Yxy	72.1349, 0.3382, 0.3159
Android (android.graphics.Color)	4294955486 (0xFFFFD1DE)
YUV	224.2360, -1.1023, 26.9800
Hunter-Lab	84.9323, 13.6747, 4.3141

Details

The Yxy color **72.1349, 0.3382, 0.3159** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.4804, 0.2923, 0.3425**, and the grayscale version is **74.7173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9070, 0.3445, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **59.6831, 0.3570, 0.3081**, and if you desaturate by 10%, it is **86.7018, 0.3229, 0.3234**.

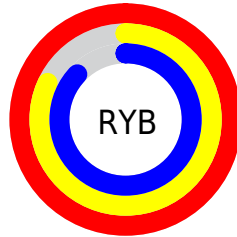
Distribution



Red (100%)

Green (82%)

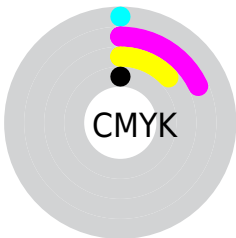
Blue (87%)



Red (100%)

Yellow (82%)

Blue (87%)

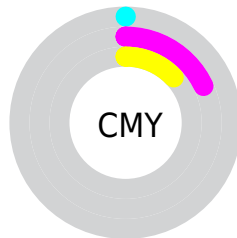


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1349, 0.3382, 0.3159 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 72.1349, 0.3382, 0.3159 by changing the saturation by 10% instead.


 72.1349, 0.3382,
0.3159

 72.1349, 0.3382,
0.3159

468.0110, 0.3264,
0.3220

 53.2689, 0.3409,
0.3145


122.2483, 0.3341,
0.3180

 38.0175, 0.3443,
0.3128

154.2645, 0.3325,
0.3188

 25.9962, 0.3485,
0.3106


191.4328, 0.3311,
0.3195

 16.8208, 0.3541,
0.3078

234.1377, 0.3299,
0.3202

 10.1068, 0.3617,
0.3039

282.7636, 0.3289,
0.3207

 5.4698, 0.3728,
0.2982

337.6949, 0.3280,

 2.5255, 0.3902,

0.3212

0.2893

399.3159, 0.3271,
0.3216

0.8894, 0.4217,
0.2734

0.0000, 1.0000,
0.0000

72.1349, 0.3382,
0.3159

72.1349, 0.3382,
0.3159

59.6831, 0.3570,
0.3081

86.7018, 0.3229,
0.3234

49.2382, 0.3799,
0.3004

99.9987, 0.3127,
0.3290

40.6972, 0.4075,
0.2932

33.9439, 0.4397,
0.2875

■ 28.8492, 0.4757,
0.2842

■ 25.2667, 0.5136,
0.2846

■ 23.0237, 0.5500,
0.2895

■ 21.8872, 0.5813,
0.2987

■ 21.7300, 0.5868,
0.3006

Harmonies

Analogous

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



72.1349, 0.3170, 0.3011



72.1349, 0.3382, 0.3159



72.1349, 0.3527, 0.3343

Triad

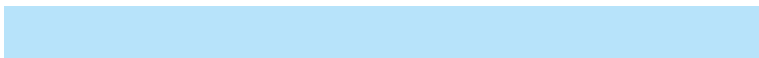
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1349, 0.3382, 0.3159



72.1349, 0.3293, 0.3676



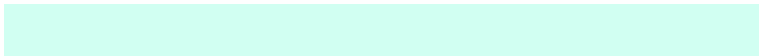
72.1349, 0.2712, 0.3040

Complementary

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



72.1349, 0.3382, 0.3159



91.4804, 0.2923, 0.3425

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.



72.1349, 0.2743, 0.3216



72.1349, 0.3382, 0.3159



72.1349, 0.3073, 0.3594

Square

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



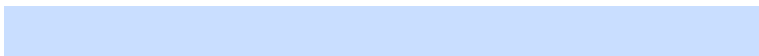
72.1349, 0.3382, 0.3159



72.1349, 0.3473, 0.3645



72.1349, 0.2873, 0.3422



72.1349, 0.2787, 0.2939

Rectangle

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



72.1349, 0.3382, 0.3159



72.1349, 0.3563, 0.3464



72.1349, 0.2873, 0.3422



72.1349, 0.2711, 0.3092

Sweetspot

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



72.1381, 0.3382, 0.3159



91.5586, 0.3188, 0.3255



71.5585, 0.3050, 0.2827



19.3530, 0.3198, 0.3250



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

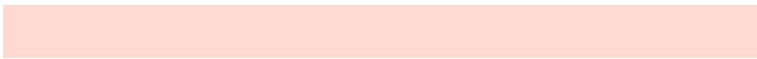
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1381, 0.3382, 0.3159



66.9567, 0.3452, 0.3129



76.1105, 0.3463, 0.3384



18.0717, 0.3249, 0.3223



11.3770, 0.5826, 0.2983



1.1255, 0.5507, 0.2807

Inverse Universe

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



72.1381, 0.3382, 0.3159



66.9567, 0.3452, 0.3129



86.5630, 0.2850, 0.3194



18.0717, 0.3249, 0.3223



11.3770, 0.5826, 0.2983



1.1255, 0.5507, 0.2807

Previews

White Background



This preview shows how the Yxy color 72.1349, 0.3382, 0.3159 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 72.1349, 0.3382, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

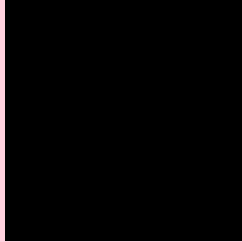
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1349, 0.3382, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 72.1349, 0.3382, 0.3159.



This preview shows how white text looks on a background with the Yxy color 72.1349, 0.3382, 0.3159.

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

72.1349, 0.3382, 0.3159

Protanopia

72.4758, 0.3096, 0.3204

Deuteranopia

72.1908, 0.3286, 0.3218



Tritanopia

72.2972, 0.3360, 0.3129

Trichromacy



Original Color

72.1349, 0.3382, 0.3159

Protanomaly

72.2649, 0.3197, 0.3185

Deuteranomaly

72.0816, 0.3325, 0.3198

Tritanomaly

72.2427, 0.3368, 0.3139

Monochromacy



Original Color

72.1349, 0.3382, 0.3159

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.6529, 0.3216, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1349, 0.3382, 0.3159 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 222) }
```

Border

The CSS property to change the border of an element to Yxy 72.1349, 0.3382, 0.3159 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, 222) }
```

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

```
.border{ border-color:rgb(255, 209, 222) }
```

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, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1349, 0.3382, 0.3159 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
209, 222) }
```

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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