

Converting Colors

$Y_{xy}(102.6560, 0.4254, 0.3240)$

Have a look what the booklet for
Yxy(102.6560, 0.4254, 0.3240)
contains.

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Color

Yxy(72.9630, 0.3402, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3DB
RGB	255, 211, 219
RGB Percent	100%, 83%, 86%
CMY	0.0000, 0.1726, 0.1413
CMYK	0.00, 0.17, 0.14, 0.00
HSL	349°, 100%, 91%
HSV	349°, 17%, 100%
XYZ	77.3271, 72.9630, 77.0089
YIQ	225.0680, 23.6560, 11.8160

Conversions

Conversions Part 2

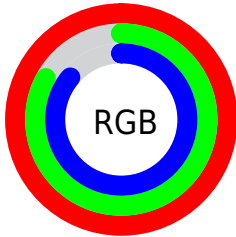
Format	Color
R _Y B	255, 211, 219
Decimal	16765915
CIE Lab	88.43, 16.64, 1.86
CIE LCh	88, 16.742, 6.375
Yxy	72.9630, 0.3402, 0.3210
Android (android.graphics.Color)	4294955995 (0xFFFFD3DB)
YUV	225.0680, -2.9915, 26.2504
Hunter-Lab	85.4184, 12.1095, 6.3400

Details

The Yxy color **72.9630, 0.3402, 0.3210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.0848, 0.2908, 0.3372**, and the grayscale version is **75.3509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4630, 0.3470, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **60.2477, 0.3614, 0.3160**, and if you desaturate by 10%, it is **87.8193, 0.3230, 0.3258**.

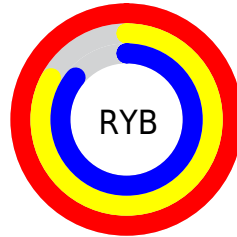
Distribution



Red (100%)

Green (83%)

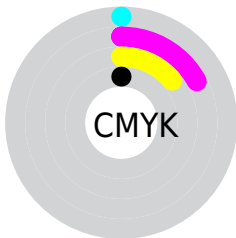
Blue (86%)



Red (100%)

Yellow (83%)

Blue (86%)

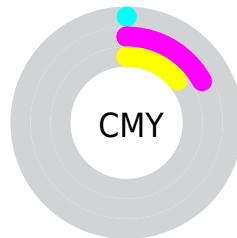


Cyan (0%)

Magenta (17%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9630, 0.3402, 0.3210 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 72.9630, 0.3402, 0.3210 by changing the saturation by 10% instead.


 72.9630, 0.3402,
0.3210

 72.9630, 0.3402,
0.3210


470.8866, 0.3274,
0.3248

 53.9457, 0.3431,
0.3201


123.4247, 0.3358,
0.3223

 38.5583, 0.3467,
0.3190


155.6379, 0.3340,
0.3228

 26.4163, 0.3513,
0.3176


193.0185, 0.3326,
0.3233

 17.1353, 0.3574,
0.3158

235.9509, 0.3313,
0.3237

 10.3310, 0.3656,
0.3132

284.8195, 0.3301,
0.3240

 5.6190, 0.3776,
0.3094

340.0087, 0.3291,

 2.6148, 0.3965,

0.3243

0.3033

401.9029, 0.3282,
0.3245

0.9341, 0.4310,
0.2920

0.0000, 1.0000,
0.0000

72.9630, 0.3402,
0.3210

72.9630, 0.3402,
0.3210

60.2477, 0.3614,
0.3160

87.8193, 0.3230,
0.3258

49.5836, 0.3876,
0.3111

100.0000, 0.3127,
0.3290

40.8598, 0.4192,
0.3066

33.9592, 0.4562,
0.3031

■ 28.7514, 0.4976,
0.3016

■ 25.0890, 0.5402,
0.3028

■ 22.7990, 0.5792,
0.3073

■ 21.6596, 0.6094,
0.3148

■ 21.4593, 0.6161,
0.3167

Harmonies

Analogous

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



72.9630, 0.3218, 0.3062



72.9630, 0.3402, 0.3210



72.9630, 0.3512, 0.3382

Triad

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



72.9630, 0.3402, 0.3210



72.9630, 0.3231, 0.3635



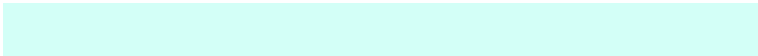
72.9630, 0.2753, 0.3030

Complementary

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



72.9630, 0.3402, 0.3210



92.0848, 0.2908, 0.3372

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.



72.9630, 0.2757, 0.3178



72.9630, 0.3402, 0.3210



72.9630, 0.3029, 0.3536

Square

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



72.9630, 0.3402, 0.3210



72.9630, 0.3410, 0.3633



72.9630, 0.2857, 0.3365



72.9630, 0.2846, 0.2957

Rectangle

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



72.9630, 0.3402, 0.3210



72.9630, 0.3526, 0.3490



72.9630, 0.2857, 0.3365



72.9630, 0.2743, 0.3072

Sweetspot

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



72.9597, 0.3402, 0.3210



91.4791, 0.3196, 0.3268



73.5683, 0.3090, 0.2853



19.3337, 0.3207, 0.3265



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

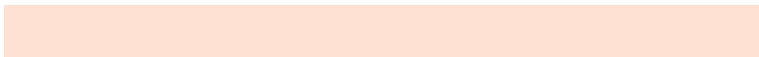
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9597, 0.3402, 0.3210



67.9547, 0.3476, 0.3192



79.7757, 0.3437, 0.3431



18.0409, 0.3266, 0.3247



11.2283, 0.6127, 0.3149



1.1071, 0.5839, 0.2990

Inverse Universe

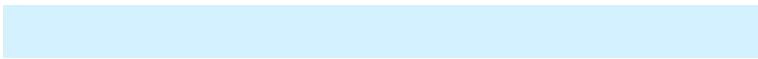
The Inverse Universe completely reimagines the original color for something new.



72.9597, 0.3402, 0.3210



67.9547, 0.3476, 0.3192



84.0175, 0.2859, 0.3144



18.0409, 0.3266, 0.3247



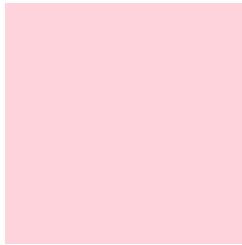
11.2283, 0.6127, 0.3149



1.1071, 0.5839, 0.2990

Previews

White Background



This preview shows how the Yxy color 72.9630, 0.3402, 0.3210 looks on a white background.

Color Contrast Check

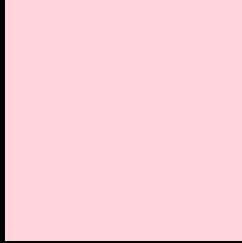
Large Text (above 18pt) WCAG AA × Fail

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 72.9630, 0.3402, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

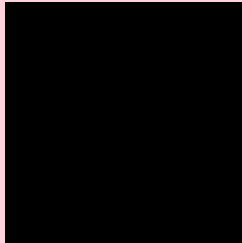
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9630, 0.3402, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 72.9630, 0.3402, 0.3210.

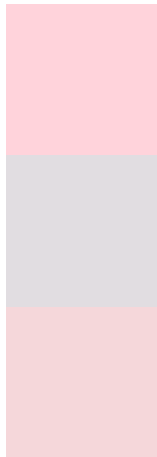


This preview shows how white text looks on a background with the Yxy color 72.9630, 0.3402, 0.3210.

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

72.9630, 0.3402, 0.3210

Protanopia

73.1567, 0.3129, 0.3247

Deuteranopia

73.0753, 0.3328, 0.3260



Tritanopia

72.8442, 0.3352, 0.3130

Trichromacy



Original Color

72.9630, 0.3402, 0.3210

Protanomaly

72.7863, 0.3224, 0.3227

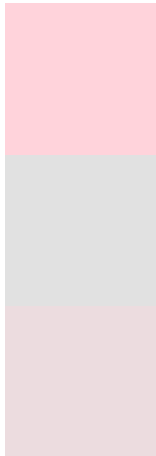
Deuteranomaly

73.2948, 0.3359, 0.3250

Tritanomaly

72.6809, 0.3374, 0.3160

Monochromacy



Original Color

72.9630, 0.3402, 0.3210

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.3470, 0.3222, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9630, 0.3402, 0.3210 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, 211, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 219)  
}
```

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, 211, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 219) }
```

Border

The CSS property to change the border of an element to Yxy 72.9630, 0.3402, 0.3210 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, 211, 219) }
```

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

```
.border{ border-color:rgb(255, 211, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9630, 0.3402, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 219) }
```

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

```
.background{ background-color: rgb(255,  
211, 219) }
```

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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