

Converting Colors

$Y_{xy}(72.1719, 0.3476, 0.3305)$

Have a look what the booklet for
Yxy(72.1719, 0.3476, 0.3305)
contains.

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Color

Yxy(71.9566, 0.3477, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D1
RGB	255, 210, 209
RGB Percent	100%, 82%, 82%
CMY	0.0001, 0.1764, 0.1803
CMYK	0.00, 0.18, 0.18, 0.00
HSL	1°, 100%, 91%
HSV	1°, 18%, 100%
XYZ	75.7931, 71.9566, 70.2345
YIQ	223.3410, 27.1410, 9.2290

Conversions

Conversions Part 2

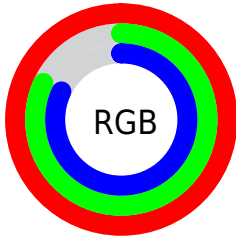
Format	Color
R _Y B	255, 210, 209
Decimal	16765649
CIE Lab	87.95, 15.61, 6.41
CIE LCh	88, 16.877, 22.335
Yxy	71.9566, 0.3477, 0.3301
Android (android.graphics.Color)	4294955729 (0xFFFFD2D1)
YUV	223.3410, -7.0701, 27.7649
Hunter-Lab	84.8272, 11.0421, 10.2886

Details

The Yxy color **71.9566, 0.3477, 0.3301** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.6640, 0.2854, 0.3279**, and the grayscale version is **74.0859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8150, 0.3562, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **59.4190, 0.3741, 0.3308**, and if you desaturate by 10%, it is **86.6241, 0.3266, 0.3295**.

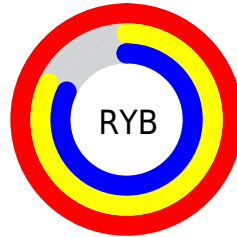
Distribution



Red (100%)

Green (82%)

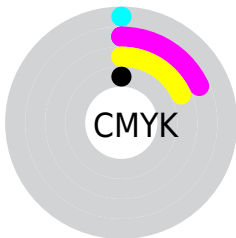
Blue (82%)



Red (100%)

Yellow (82%)

Blue (82%)

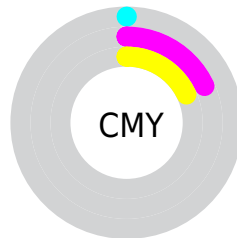


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9566, 0.3477, 0.3301 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 71.9566, 0.3477, 0.3301 by changing the saturation by 10% instead.


 71.9566, 0.3477,
0.3301

 71.9566, 0.3477,
0.3301

467.3905, 0.3314,
0.3298

 53.1232, 0.3515,
0.3301


121.9948, 0.3420,
0.3300

 37.9011, 0.3561,
0.3301


153.9685, 0.3398,
0.3300

 25.9060, 0.3621,
0.3301


191.0910, 0.3379,
0.3300

 16.7533, 0.3699,
0.3299

233.7468, 0.3362,
0.3299

 10.0588, 0.3807,
0.3296

282.3202, 0.3348,
0.3299

 5.4379, 0.3964,
0.3289

337.1957, 0.3335,

 2.5064, 0.4214,

0.3299

0.3271

398.7577, 0.3324,
0.3298

0.8799, 0.4787,
0.3301

0.0000, 1.0000,
0.0000

71.9566, 0.3477,
0.3301

71.9566, 0.3477,
0.3301

59.4190, 0.3741,
0.3308

86.6241, 0.3266,
0.3295

48.9032, 0.4066,
0.3315

99.9967, 0.3127,
0.3290

40.3062, 0.4459,
0.3321

33.5124, 0.4910,
0.3325

■ 28.3934, 0.5391,
0.3327

■ 24.8041, 0.5840,
0.3324

■ 22.5747, 0.6183,
0.3317

■ 21.4930, 0.6367,
0.3308

■ 21.3748, 0.6390,
0.3308

Harmonies

Analogous

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



71.9566, 0.3324, 0.3134



71.9566, 0.3477, 0.3301



71.9566, 0.3533, 0.3471

Triad

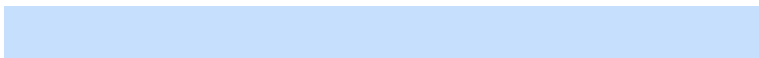
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9566, 0.3477, 0.3301



71.9566, 0.3123, 0.3598



71.9566, 0.2787, 0.2977

Complementary

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



71.9566, 0.3477, 0.3301



91.6640, 0.2854, 0.3279

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.



71.9566, 0.2738, 0.3089



71.9566, 0.3477, 0.3301



71.9566, 0.2928, 0.3453

Square

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



71.9566, 0.3477, 0.3301



71.9566, 0.3324, 0.3651



71.9566, 0.2789, 0.3263



71.9566, 0.2925, 0.2949

Rectangle

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



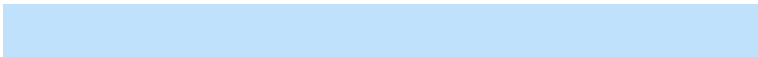
71.9566, 0.3477, 0.3301



71.9566, 0.3506, 0.3565



71.9566, 0.2789, 0.3263



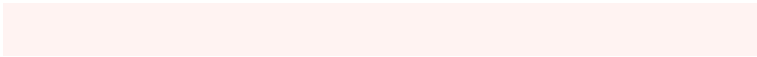
71.9566, 0.2760, 0.3005

Sweetspot

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



71.9599, 0.3477, 0.3301



91.5012, 0.3211, 0.3293



74.0421, 0.3153, 0.2849



19.3390, 0.3223, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

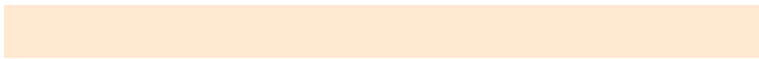
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9599, 0.3477, 0.3301



66.7321, 0.3575, 0.3304



84.0107, 0.3437, 0.3529



18.0490, 0.3294, 0.3296



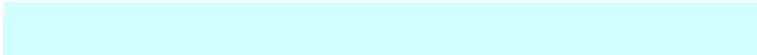
11.1973, 0.6386, 0.3311



1.1111, 0.6350, 0.3340

Inverse Universe

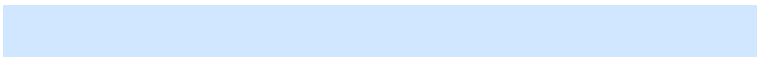
The Inverse Universe completely reimagines the original color for something new.



91.6640, 0.2854, 0.3279



90.1075, 0.2798, 0.3277



78.0652, 0.2842, 0.3039



20.4110, 0.2980, 0.3284



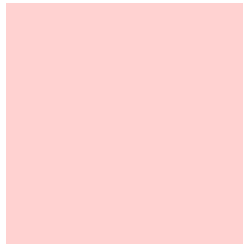
39.3861, 0.2229, 0.3222



3.8552, 0.2231, 0.3230

Previews

White Background



This preview shows how the Yxy color 71.9566, 0.3477, 0.3301 looks on a white background.

Color Contrast Check

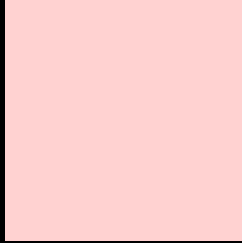
Large Text (above 18pt) WCAG AA × Fail

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 71.9566, 0.3477, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

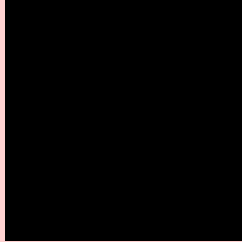
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9566, 0.3477, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 71.9566, 0.3477, 0.3301.

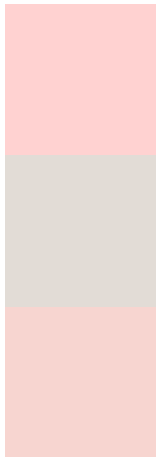


This preview shows how white text looks on a background with the Yxy color 71.9566, 0.3477, 0.3301.

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

71.9566, 0.3477, 0.3301

Protanopia

72.2102, 0.3210, 0.3355

Deuteranopia

71.9167, 0.3418, 0.3343



Tritanopia

71.7536, 0.3369, 0.3129

Trichromacy



Original Color

71.9566, 0.3477, 0.3301

Protanomaly

71.8697, 0.3310, 0.3333

Deuteranomaly

71.9650, 0.3443, 0.3332

Tritanomaly

71.9754, 0.3404, 0.3190

Monochromacy



Original Color

71.9566, 0.3477, 0.3301

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.8669, 0.3251, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9566, 0.3477, 0.3301 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, 210, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 209)  
}
```

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, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 209) }
```

Border

The CSS property to change the border of an element to Yxy 71.9566, 0.3477, 0.3301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

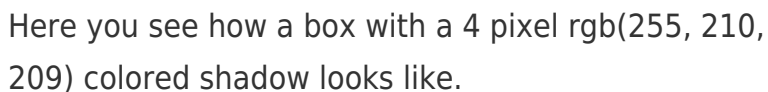
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 210, 209) }
```

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

```
.border{ border-color:rgb(255, 210, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 209); box-shadow:4px 4px 4px 4px rgb(255, 210, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9566, 0.3477, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 209) }
```

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

```
.background{ background-color: rgb(255,  
210, 209) }
```

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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