

Converting Colors

$Y_{xy}(71.4595, 0.3490, 0.3291)$

Have a look what the booklet for
Yxy(71.4595, 0.3490, 0.3291)
contains.

Yxy(71.4644, 0.3479, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.4644, 0.3479, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D1
RGB	255, 209, 209
RGB Percent	100%, 82%, 82%
CMY	0.0000, 0.1804, 0.1804
CMYK	0.00, 0.18, 0.18, 0.00
HSL	360°, 100%, 91%
HSV	360°, 18%, 100%
XYZ	75.5468, 71.4644, 70.1398
YIQ	222.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

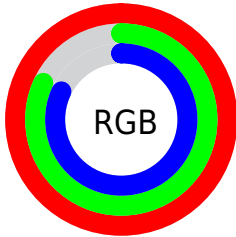
Format	Color
R _Y B	255, 209, 209
Decimal	16765393
CIE Lab	87.71, 16.13, 6.08
CIE LCh	88, 17.240, 20.657
Yxy	71.4644, 0.3479, 0.3291
Android (android.graphics.Color)	4294955473 (0xFFFFD1D1)
YUV	222.7540, -6.7807, 28.2797
Hunter-Lab	84.5366, 11.5789, 9.9829

Details

The Yxy color **71.4644, 0.3479, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.2891, 0.2855, 0.3289**, and the grayscale version is **73.6444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4835, 0.3565, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **58.7763, 0.3745, 0.3292**, and if you desaturate by 10%, it is **86.3635, 0.3266, 0.3290**.

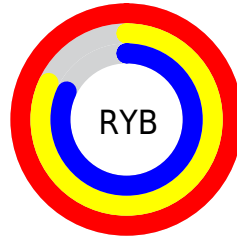
Distribution



Red (100%)

Green (82%)

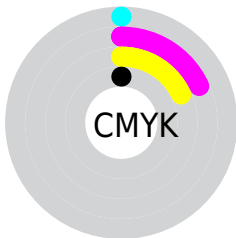
Blue (82%)



Red (100%)

Yellow (82%)

Blue (82%)

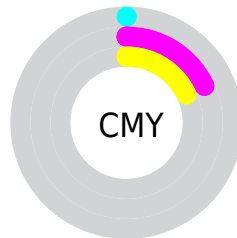


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4644, 0.3479, 0.3291 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 71.4644, 0.3479, 0.3291 by changing the saturation by 10% instead.


 71.4644, 0.3479,
0.3291

 71.4644, 0.3479,
0.3291


465.6752, 0.3314,
0.3293

 52.7213, 0.3517,
0.3290

121.2947, 0.3422,
0.3292

 37.5803, 0.3564,
0.3289


153.1507, 0.3399,
0.3292

 25.6571, 0.3624,
0.3287


190.1465, 0.3380,
0.3292

 16.5673, 0.3703,
0.3283

232.6664, 0.3364,
0.3293

 9.9265, 0.3812,
0.3277

281.0948, 0.3349,
0.3293

 5.3502, 0.3972,
0.3266

335.8161, 0.3336,

 2.4542, 0.4225,

0.3293

0.3241

397.2148, 0.3325,
0.3293

0.8536, 0.4813,
0.3261

0.0000, 1.0000,
0.0000

71.4644, 0.3479,
0.3291

71.4644, 0.3479,
0.3291

58.7763, 0.3745,
0.3292

86.3635, 0.3266,
0.3290

48.1848, 0.4075,
0.3293

99.9979, 0.3127,
0.3290

39.5800, 0.4474,
0.3294

32.8382, 0.4932,
0.3295

■ 27.8216, 0.5418,
0.3297

■ 24.3736, 0.5868,
0.3298

■ 22.3093, 0.6204,
0.3299

■ 21.3779, 0.6377,
0.3300

■ 21.2580, 0.6401,
0.3300

Harmonies

Analogous

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



71.4644, 0.3318, 0.3121



71.4644, 0.3479, 0.3291



71.4644, 0.3542, 0.3466

Triad

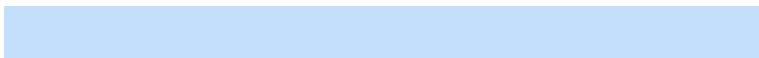
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4644, 0.3479, 0.3291



71.4644, 0.3134, 0.3611



71.4644, 0.2774, 0.2974

Complementary

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



71.4644, 0.3479, 0.3291



92.2891, 0.2855, 0.3289

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.



71.4644, 0.2729, 0.3093



71.4644, 0.3479, 0.3291



71.4644, 0.2933, 0.3467

Square

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



71.4644, 0.3479, 0.3291



71.4644, 0.3339, 0.3660



71.4644, 0.2786, 0.3273



71.4644, 0.2911, 0.2941

Rectangle

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



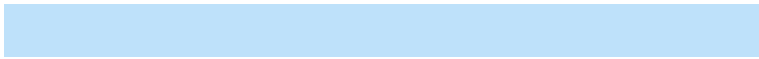
71.4644, 0.3479, 0.3291



71.4644, 0.3520, 0.3565



71.4644, 0.2786, 0.3273



71.4644, 0.2748, 0.3004

Sweetspot

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



71.4676, 0.3479, 0.3291



91.3390, 0.3211, 0.3290



73.9379, 0.3143, 0.2840



19.2998, 0.3223, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

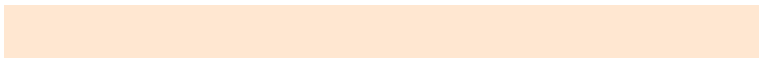
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4676, 0.3479, 0.3291



66.1798, 0.3578, 0.3291



83.1443, 0.3440, 0.3514



17.9871, 0.3295, 0.3291



11.1088, 0.6401, 0.3300



1.0816, 0.6401, 0.3300

Inverse Universe

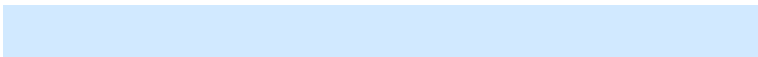
The Inverse Universe completely reimagines the original color for something new.



71.4676, 0.3479, 0.3291



66.1798, 0.3578, 0.3291



78.9213, 0.2842, 0.3055



17.9871, 0.3295, 0.3291



11.1088, 0.6401, 0.3300



1.0816, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 71.4644, 0.3479, 0.3291 looks on a white background.

Color Contrast Check

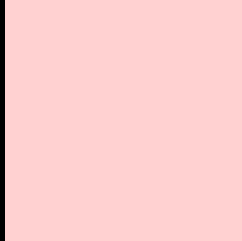
Large Text (above 18pt) WCAG AA × Fail

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 71.4644, 0.3479, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

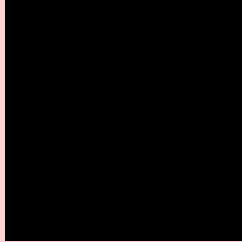
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4644, 0.3479, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 71.4644, 0.3479, 0.3291.

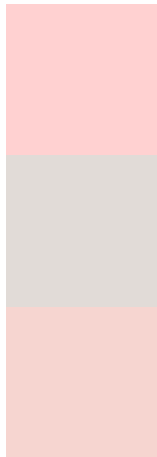


This preview shows how white text looks on a background with the Yxy color 71.4644, 0.3479, 0.3291.

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

71.4644, 0.3479, 0.3291

Protanopia

71.5769, 0.3197, 0.3334

Deuteranopia

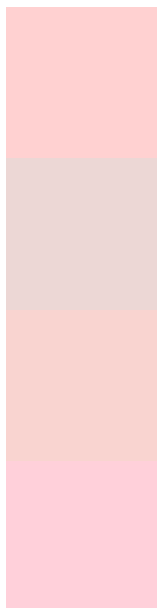
71.7354, 0.3411, 0.3343



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.4644, 0.3479, 0.3291

Protanomaly

71.2378, 0.3296, 0.3312

Deuteranomaly

71.7808, 0.3435, 0.3332

Tritanomaly

71.4337, 0.3413, 0.3189

Monochromacy



Original Color

71.4644, 0.3479, 0.3291

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 71.4644, 0.3479, 0.3291 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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, 209, 209) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 71.4644, 0.3479, 0.3291 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, 209) }
```

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

```
.border{ border-color:rgb(255, 209, 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, 209, 209) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 71.4644, 0.3479, 0.3291 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, 209) }
```

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

```
.background{ background-color: rgb(255,  
209, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor