

Converting Colors

$Y_{xy}(74.4541, 0.3558, 0.3310)$

Have a look what the booklet for
Yxy(74.4541, 0.3558, 0.3310)
contains.

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Color

Yxy(72.4520, 0.3476, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3D1
RGB	255, 211, 209
RGB Percent	100%, 83%, 82%
CMY	0.0000, 0.1726, 0.1803
CMYK	0.00, 0.17, 0.18, 0.00
HSL	3°, 100%, 91%
HSV	3°, 18%, 100%
XYZ	76.0626, 72.4520, 70.3075
YIQ	223.9280, 26.8660, 8.7060

Conversions

Conversions Part 2

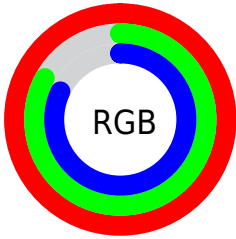
Format	Color
R _Y B	255, 211, 209
Decimal	16765905
CIE Lab	88.19, 15.13, 6.76
CIE LCh	88, 16.576, 24.083
Yxy	72.4520, 0.3476, 0.3311
Android (android.graphics.Color)	4294955985 (0xFFFFD3D1)
YUV	223.9280, -7.3595, 27.2501
Hunter-Lab	85.1187, 10.5508, 10.6100

Details

The Yxy color **72.4520, 0.3476, 0.3311** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.0524, 0.2854, 0.3269**, and the grayscale version is **74.5177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1493, 0.3559, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **60.0578, 0.3737, 0.3324**, and if you desaturate by 10%, it is **86.8713, 0.3265, 0.3299**.

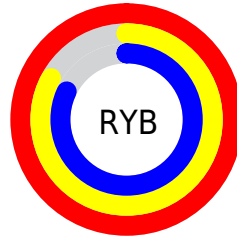
Distribution



Red (100%)

Green (83%)

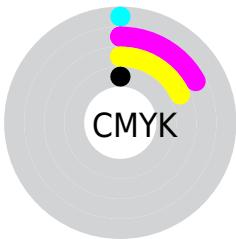
Blue (82%)



Red (100%)

Yellow (83%)

Blue (82%)

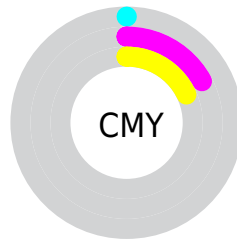


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4520, 0.3476, 0.3311 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 72.4520, 0.3476, 0.3311 by changing the saturation by 10% instead.


 72.4520, 0.3476,
0.3311

 72.4520, 0.3476,
0.3311


469.1133, 0.3313,
0.3303

 53.5280, 0.3514,
0.3312


122.6989, 0.3419,
0.3309

 38.2244, 0.3560,
0.3313


154.7907, 0.3397,
0.3308

 26.1569, 0.3619,
0.3315


192.0404, 0.3378,
0.3307

 16.9411, 0.3697,
0.3315

234.8326, 0.3362,
0.3306

 10.1925, 0.3804,
0.3315

283.5515, 0.3348,
0.3305

 5.5268, 0.3960,
0.3312

338.5817, 0.3335,

 2.5595, 0.4206,

0.3305

400.3075, 0.3323,
0.3304

0.3301

0.9064, 0.4767,
0.3340

0.0000, 1.0000,
0.0000

72.4520, 0.3476,
0.3311

72.4520, 0.3476,
0.3311

60.0578, 0.3737,
0.3324

86.8713, 0.3265,
0.3299

49.6247, 0.4058,
0.3336

100.0000, 0.3127,
0.3290

41.0436, 0.4445,
0.3348

34.2063, 0.4889,
0.3356

■ 28.9933, 0.5363,
0.3358

■ 25.2700, 0.5811,
0.3352

■ 22.8805, 0.6160,
0.3336

■ 21.6323, 0.6356,
0.3317

■ 21.4966, 0.6380,
0.3316

Harmonies

Analogous

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



72.4520, 0.3331, 0.3145



72.4520, 0.3476, 0.3311



72.4520, 0.3524, 0.3477

Triad

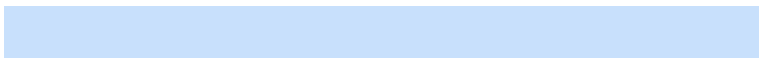
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4520, 0.3476, 0.3311



72.4520, 0.3111, 0.3585



72.4520, 0.2799, 0.2979

Complementary

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



72.4520, 0.3476, 0.3311



91.0524, 0.2854, 0.3269

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.



72.4520, 0.2746, 0.3085



72.4520, 0.3476, 0.3311



72.4520, 0.2922, 0.3439

Square

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



72.4520, 0.3476, 0.3311



72.4520, 0.3309, 0.3644



72.4520, 0.2790, 0.3253



72.4520, 0.2939, 0.2957

Rectangle

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



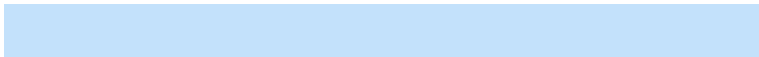
72.4520, 0.3476, 0.3311



72.4520, 0.3494, 0.3567



72.4520, 0.2790, 0.3253



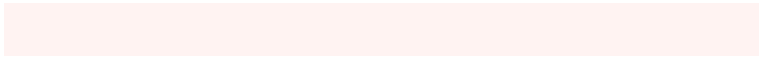
72.4520, 0.2771, 0.3006

Sweetspot

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



72.4426, 0.3475, 0.3311



91.6638, 0.3210, 0.3296



73.9911, 0.3159, 0.2855



19.3784, 0.3223, 0.3296



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.



72.4426, 0.3475, 0.3311



67.2893, 0.3572, 0.3316



84.4491, 0.3436, 0.3536



18.1112, 0.3293, 0.3301



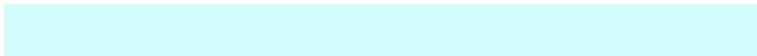
11.2860, 0.6371, 0.3323



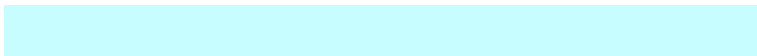
1.1407, 0.6302, 0.3378

Inverse Universe

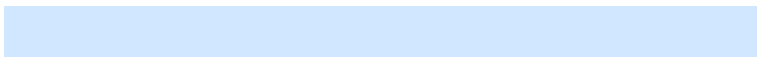
The Inverse Universe completely reimagines the original color for something new.



91.0524, 0.2854, 0.3269



89.3506, 0.2797, 0.3264



77.6367, 0.2841, 0.3031



20.3407, 0.2980, 0.3279



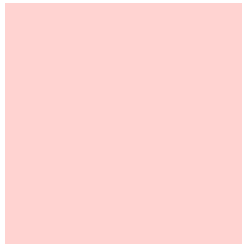
37.6765, 0.2210, 0.3156



3.7080, 0.2215, 0.3172

Previews

White Background



This preview shows how the Yxy color 72.4520, 0.3476, 0.3311 looks on a white background.

Color Contrast Check

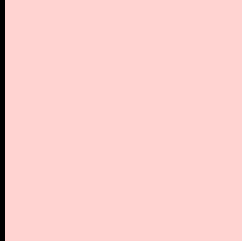
Large Text (above 18pt) WCAG AA × Fail

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 72.4520, 0.3476, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

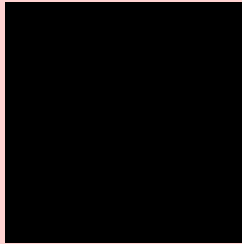
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

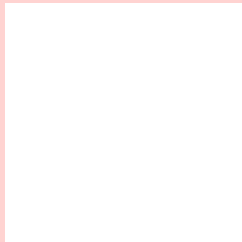
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4520, 0.3476, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 72.4520, 0.3476, 0.3311.

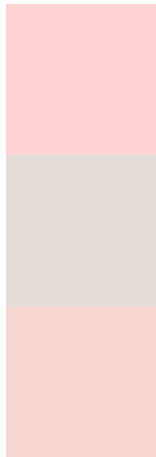


This preview shows how white text looks on a background with the Yxy color 72.4520, 0.3476, 0.3311.

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

72.4520, 0.3476, 0.3311

Protanopia

72.3723, 0.3218, 0.3355

Deuteranopia

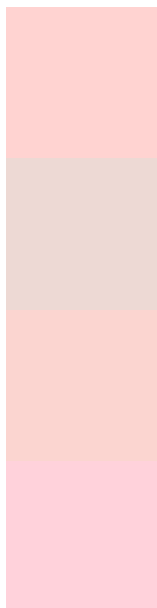
72.6037, 0.3424, 0.3353



Tritanopia

72.2972, 0.3360, 0.3129

Trichromacy



Original Color

72.4520, 0.3476, 0.3311

Protanomaly

72.3837, 0.3308, 0.3344

Deuteranomaly

72.6518, 0.3449, 0.3342

Tritanomaly

72.4677, 0.3403, 0.3200

Monochromacy



Original Color

72.4520, 0.3476, 0.3311

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.4397, 0.3243, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4520, 0.3476, 0.3311 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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, 211, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 209) }
```

Border

The CSS property to change the border of an element to Yxy 72.4520, 0.3476, 0.3311 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, 209) }
```

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

```
.border{ border-color:rgb(255, 211, 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, 211, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4520, 0.3476, 0.3311 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, 209) }
```

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

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