

Converting Colors

$Y_{xy}(73.3243, 0.3509, 0.3385)$

Have a look what the booklet for
Yxy(73.3243, 0.3509, 0.3385)
contains.

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Color

Yxy(73.2081, 0.3509, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5CC
RGB	255, 213, 204
RGB Percent	100%, 84%, 80%
CMY	0.0000, 0.1647, 0.2000
CMYK	0.00, 0.16, 0.20, 0.00
HSL	11°, 100%, 90%
HSV	11°, 20%, 100%
XYZ	75.9347, 73.2081, 67.2571
YIQ	224.5320, 27.9210, 6.1050

Conversions

Conversions Part 2

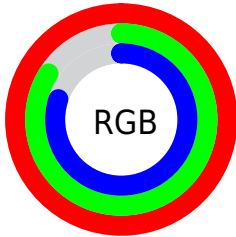
Format	Color
R _Y B	255, 215, 204
Decimal	16766412
CIE Lab	88.55, 13.32, 9.92
CIE LCh	89, 16.608, 36.695
Yxy	73.2081, 0.3509, 0.3383
Android (android.graphics.Color)	4294956492 (0xFFFFD5CC)
YUV	224.5320, -10.1223, 26.7204
Hunter-Lab	85.5617, 8.6830, 13.2874

Details

The Yxy color **73.2081, 0.3509, 0.3383** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.9698, 0.2821, 0.3195**, and the grayscale version is **75.0020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6615, 0.3603, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **62.1959, 0.3763, 0.3433**, and if you desaturate by 10%, it is **85.7933, 0.3299, 0.3335**.

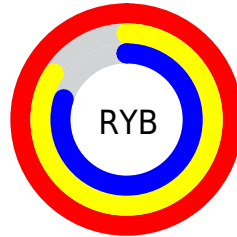
Distribution



Red (100%)

Green (84%)

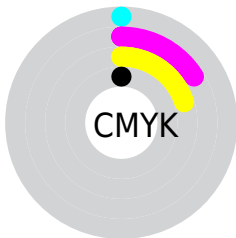
Blue (80%)



Red (100%)

Yellow (84%)

Blue (80%)

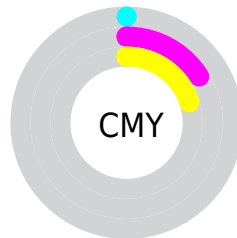


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2081, 0.3509, 0.3383 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 73.2081, 0.3509, 0.3383 by changing the saturation by 10% instead.


 73.2081, 0.3509,
0.3383

 73.2081, 0.3509,
0.3383

471.7357, 0.3331,
0.3343

 54.1461, 0.3550,
0.3391

123.7726, 0.3447,
0.3370

 38.7185, 0.3601,
0.3402

156.0439, 0.3423,
0.3364

 26.5408, 0.3665,
0.3414


193.4871, 0.3402,
0.3360

 17.2287, 0.3750,
0.3429

236.4867, 0.3384,
0.3355

 10.3977, 0.3866,
0.3448

285.4269, 0.3369,
0.3352

 5.6634, 0.4034,
0.3471

340.6922, 0.3355,

 2.6415, 0.4298,

0.3348

0.3498

402.6670, 0.3342,
0.3345

0.9476, 0.5003,
0.3688

0.0000, 1.0000,
0.0000

73.2081, 0.3509,
0.3383

73.2081, 0.3509,
0.3383

62.1959, 0.3763,
0.3433

85.7933, 0.3299,
0.3335

52.6877, 0.4068,
0.3482

100.0000, 0.3127,
0.3290

44.6198, 0.4426,
0.3526

37.9213, 0.4831,
0.3558

■ 32.5151, 0.5260,
0.3568

■ 28.3163, 0.5672,
0.3549

■ 25.2295, 0.6013,
0.3498

■ 23.1372, 0.6243,
0.3425

■ 23.1369, 0.6243,
0.3425

Harmonies

Analogous

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



73.2081, 0.3401, 0.3213



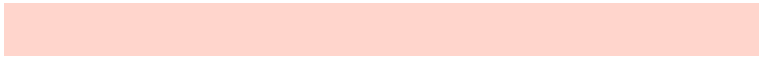
73.2081, 0.3509, 0.3383



73.2081, 0.3510, 0.3536

Triad

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



73.2081, 0.3509, 0.3383



73.2081, 0.3028, 0.3532



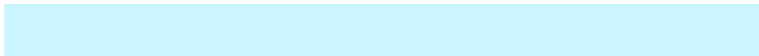
73.2081, 0.2850, 0.2960

Complementary

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



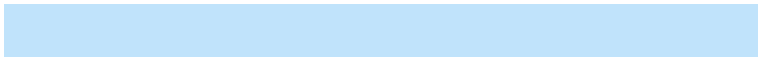
73.2081, 0.3509, 0.3383



85.9698, 0.2821, 0.3195

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.



73.2081, 0.2757, 0.3031



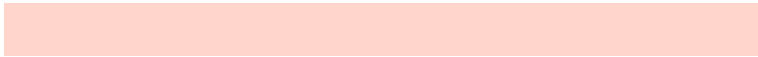
73.2081, 0.3509, 0.3383



73.2081, 0.2858, 0.3362

Square

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



73.2081, 0.3509, 0.3383



73.2081, 0.3228, 0.3631



73.2081, 0.2760, 0.3177



73.2081, 0.3017, 0.2973

Rectangle

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



73.2081, 0.3509, 0.3383



73.2081, 0.3451, 0.3608



73.2081, 0.2760, 0.3177



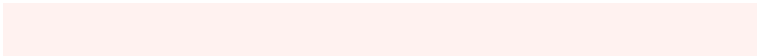
73.2081, 0.2809, 0.2974

Sweetspot

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



73.2105, 0.3509, 0.3383



91.2762, 0.3226, 0.3317



71.1326, 0.3210, 0.2870



19.3413, 0.3238, 0.3320



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

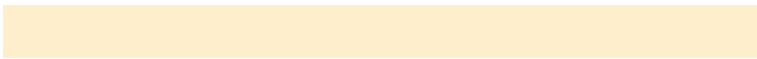
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2105, 0.3509, 0.3383



68.6178, 0.3605, 0.3403



86.7698, 0.3461, 0.3630



18.5052, 0.3290, 0.3333



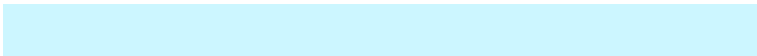
12.2387, 0.6221, 0.3443



1.3268, 0.6024, 0.3599

Inverse Universe

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



85.9698, 0.2821, 0.3195



83.4844, 0.2762, 0.3174



71.7726, 0.2804, 0.2925



19.9039, 0.2980, 0.3247



28.0556, 0.2088, 0.2715



2.8681, 0.2108, 0.2787

Previews

White Background



This preview shows how the Yxy color 73.2081, 0.3509, 0.3383 looks on a white background.

Color Contrast Check

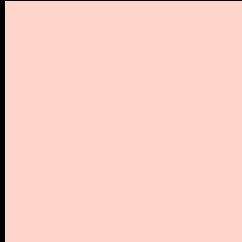
Large Text (above 18pt) WCAG AA × Fail

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 73.2081, 0.3509, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

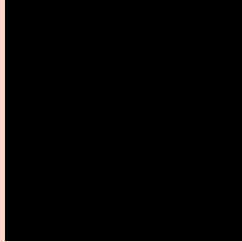
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

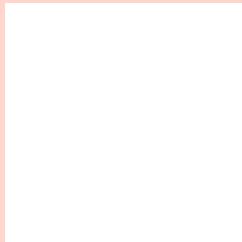
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2081, 0.3509, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 73.2081, 0.3509, 0.3383.

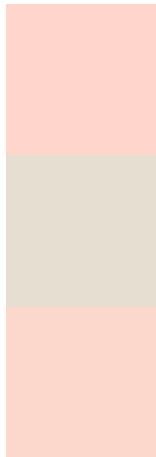


This preview shows how white text looks on a background with the Yxy color 73.2081, 0.3509, 0.3383.

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

73.2081, 0.3509, 0.3383

Protanopia

73.6690, 0.3272, 0.3430

Deuteranopia

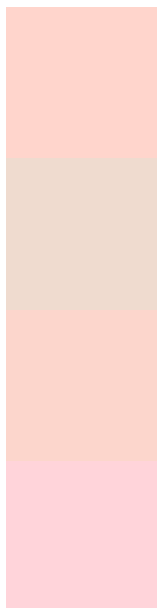
73.4697, 0.3475, 0.3404



Tritanopia

73.3395, 0.3350, 0.3140

Trichromacy



Original Color

73.2081, 0.3509, 0.3383

Protanomaly

73.5188, 0.3356, 0.3417

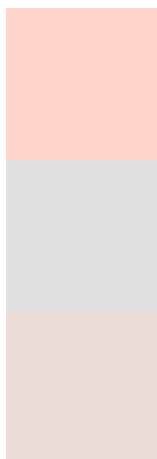
Deuteranomaly

73.1482, 0.3484, 0.3394

Tritanomaly

73.4089, 0.3407, 0.3230

Monochromacy



Original Color

73.2081, 0.3509, 0.3383

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5555, 0.3262, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2081, 0.3509, 0.3383 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, 213, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 204)  
}
```

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, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 204) }
```

Border

The CSS property to change the border of an element to Yxy 73.2081, 0.3509, 0.3383 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, 213, 204) }
```

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

```
.border{ border-color:rgb(255, 213, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2081, 0.3509, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 204) }
```

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

```
.background{ background-color: rgb(255,  
213, 204) }
```

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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