

Converting Colors

$Yxy(75.4828, 0.3496, 0.3276)$

Have a look what the booklet for
Yxy(75.4828, 0.3496, 0.3276)
contains.

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Color

Yxy(73.7548, 0.3428, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5D7
RGB	255, 213, 215
RGB Percent	100%, 84%, 84%
CMY	0.0000, 0.1647, 0.1570
CMYK	0.00, 0.16, 0.16, 0.00
HSL	357°, 100%, 92%
HSV	357°, 16%, 100%
XYZ	77.2949, 73.7548, 74.4312
YIQ	225.7860, 24.3900, 9.5260

Conversions

Conversions Part 2

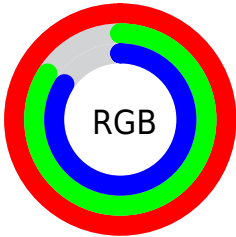
Format	Color
R _Y B	255, 213, 215
Decimal	16766423
CIE Lab	88.81, 14.95, 4.52
CIE LCh	89, 15.619, 16.817
Yxy	73.7548, 0.3428, 0.3271
Android (android.graphics.Color)	4294956503 (0xFFFFD5D7)
YUV	225.7860, -5.3175, 25.6207
Hunter-Lab	85.8806, 10.3637, 8.7308

Details

The Yxy color **73.7548, 0.3428, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.7580, 0.2888, 0.3309**, and the grayscale version is **75.9171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9976, 0.3505, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **60.7640, 0.3673, 0.3259**, and if you desaturate by 10%, it is **88.9547, 0.3232, 0.3283**.

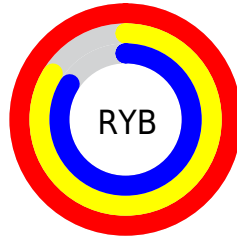
Distribution



Red (100%)

Green (84%)

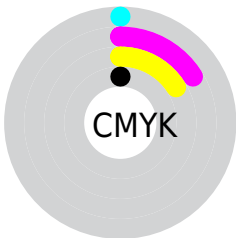
Blue (84%)



Red (100%)

Yellow (84%)

Blue (84%)

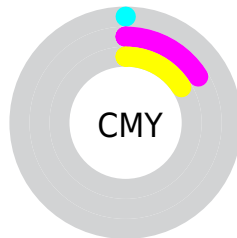


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7548, 0.3428, 0.3271 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 73.7548, 0.3428, 0.3271 by changing the saturation by 10% instead.

 73.7548, 0.3428,
0.3271

 73.7548, 0.3428,
0.3271


473.6267, 0.3288,
0.3281

 54.5934, 0.3460,
0.3268


124.5482, 0.3379,
0.3275

 39.0763, 0.3500,
0.3265


156.9489, 0.3361,
0.3276

 26.8191, 0.3550,
0.3260


194.5315, 0.3344,
0.3277

 17.4374, 0.3616,
0.3254

237.6804, 0.3330,
0.3278

 10.5468, 0.3707,
0.3244

286.7800, 0.3318,
0.3279

 5.7630, 0.3838,
0.3228

342.2146, 0.3307,

 2.7015, 0.4045,

0.3280

0.3200

404.3687, 0.3297,
0.3281

0.9780, 0.4440,
0.3155

0.0000, 1.0000,
0.0000

73.7548, 0.3428,
0.3271

73.7548, 0.3428,
0.3271

60.7640, 0.3673,
0.3259

88.9547, 0.3232,
0.3283

49.8702, 0.3976,
0.3247

99.9988, 0.3127,
0.3290

40.9664, 0.4345,
0.3236

33.9325, 0.4776,
0.3229

■ 28.6350, 0.5246,
0.3229

■ 24.9232, 0.5706,
0.3237

■ 22.6205, 0.6084,
0.3254

■ 21.5068, 0.6319,
0.3277

■ 21.2851, 0.6368,
0.3281

Harmonies

Analogous

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



73.7548, 0.3276, 0.3121



73.7548, 0.3428, 0.3271



73.7548, 0.3497, 0.3430

Triad

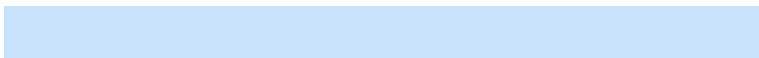
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7548, 0.3428, 0.3271



73.7548, 0.3159, 0.3588



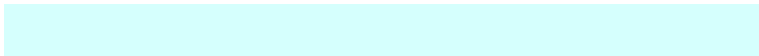
73.7548, 0.2799, 0.3016

Complementary

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



73.7548, 0.3428, 0.3271



92.7580, 0.2888, 0.3309

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.



73.7548, 0.2771, 0.3132



73.7548, 0.3428, 0.3271



73.7548, 0.2975, 0.3468

Square

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



73.7548, 0.3428, 0.3271



73.7548, 0.3338, 0.3620



73.7548, 0.2834, 0.3298



73.7548, 0.2913, 0.2975

Rectangle

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



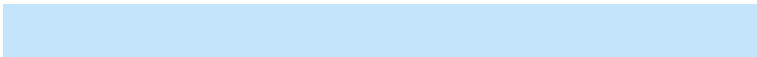
73.7548, 0.3428, 0.3271



73.7548, 0.3486, 0.3522



73.7548, 0.2834, 0.3298



73.7548, 0.2780, 0.3047

Sweetspot

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



73.7581, 0.3428, 0.3271



91.3749, 0.3207, 0.3284



75.6770, 0.3132, 0.2879



19.3085, 0.3219, 0.3284



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

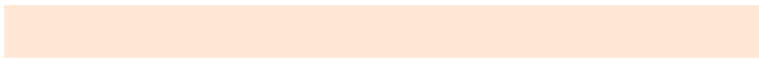
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7581, 0.3428, 0.3271



68.9204, 0.3508, 0.3267



83.7226, 0.3412, 0.3480



18.0008, 0.3287, 0.3279



11.1284, 0.6354, 0.3274



1.0881, 0.6244, 0.3213

Inverse Universe

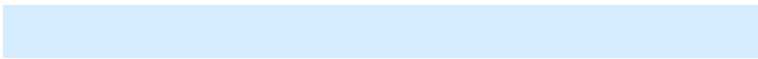
The Inverse Universe completely reimagines the original color for something new.



73.7581, 0.3428, 0.3271



68.9204, 0.3508, 0.3267



81.4172, 0.2868, 0.3093



18.0008, 0.3287, 0.3279



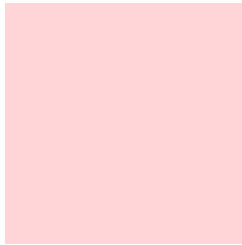
11.1284, 0.6354, 0.3274



1.0881, 0.6244, 0.3213

Previews

White Background



This preview shows how the Yxy color 73.7548, 0.3428, 0.3271 looks on a white background.

Color Contrast Check

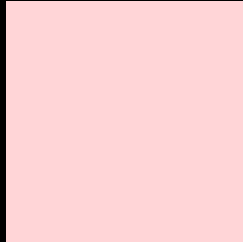
Large Text (above 18pt) WCAG AA × Fail

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 73.7548, 0.3428, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

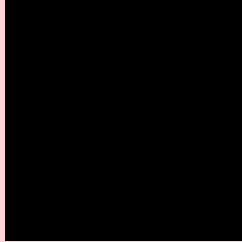
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7548, 0.3428, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 73.7548, 0.3428, 0.3271.

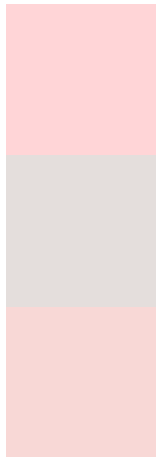


This preview shows how white text looks on a background with the Yxy color 73.7548, 0.3428, 0.3271.

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

73.7548, 0.3428, 0.3271

Protanopia

73.9038, 0.3183, 0.3312

Deuteranopia

73.9232, 0.3378, 0.3311



Tritanopia

73.8930, 0.3342, 0.3140

Trichromacy



Original Color

73.7548, 0.3428, 0.3271

Protanomaly

73.9021, 0.3272, 0.3301

Deuteranomaly

73.9651, 0.3402, 0.3301

Tritanomaly

73.6747, 0.3371, 0.3180

Monochromacy



Original Color

73.7548, 0.3428, 0.3271

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.9914, 0.3235, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7548, 0.3428, 0.3271 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 215) }
```

Border

The CSS property to change the border of an element to Yxy 73.7548, 0.3428, 0.3271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

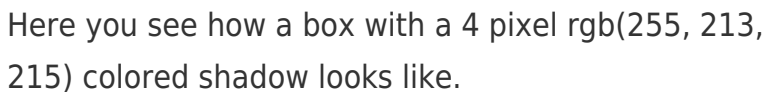
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 213, 215) }
```

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

```
.border{ border-color:rgb(255, 213, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 213, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 213, 215); box-shadow:4px 4px 4px 4px rgb(255, 213, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7548, 0.3428, 0.3271 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, 215) }
```

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

```
.background{ background-color: rgb(255,  
213, 215) }
```

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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