

Converting Colors

$Y_{xy}(80.4724, 0.3728, 0.3334)$

Have a look what the booklet for
Yxy(80.4724, 0.3728, 0.3334)
contains.

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Color

Yxy(73.4519, 0.3472, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5D1
RGB	255, 213, 209
RGB Percent	100%, 84%, 82%
CMY	0.0000, 0.1647, 0.1805
CMYK	0.00, 0.16, 0.18, 0.00
HSL	5°, 100%, 91%
HSV	5°, 18%, 100%
XYZ	76.5381, 73.4519, 70.4539
YIQ	225.1020, 26.3160, 7.6600

Conversions

Conversions Part 2

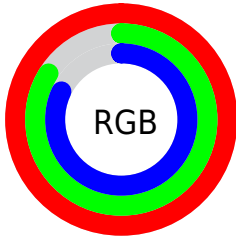
Format	Color
R _Y B	255, 213, 209
Decimal	16766417
CIE Lab	88.66, 14.04, 7.47
CIE LCh	89, 15.904, 28.001
Yxy	73.4519, 0.3472, 0.3332
Android (android.graphics.Color)	4294956497 (0xFFFFD5D1)
YUV	225.1020, -7.9383, 26.2205
Hunter-Lab	85.7041, 9.4274, 11.2529

Details

The Yxy color **73.4519, 0.3472, 0.3332** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.7428, 0.2852, 0.3248**, and the grayscale version is **75.4169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8260, 0.3554, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **61.4139, 0.3728, 0.3357**, and if you desaturate by 10%, it is **87.3777, 0.3265, 0.3308**.

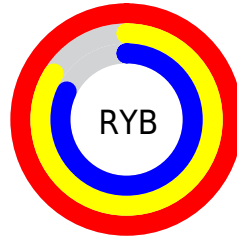
Distribution



Red (100%)

Green (84%)

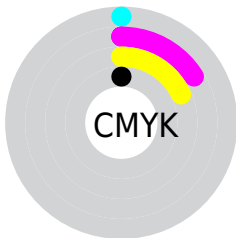
Blue (82%)



Red (100%)

Yellow (84%)

Blue (82%)

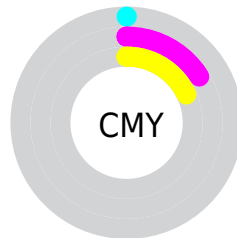


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4519, 0.3472, 0.3332 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 73.4519, 0.3472, 0.3332 by changing the saturation by 10% instead.


 73.4519, 0.3472,
0.3332

 73.4519, 0.3472,
0.3332


472.5795, 0.3311,
0.3315

 54.3456, 0.3509,
0.3335


124.1185, 0.3416,
0.3326

 38.8780, 0.3555,
0.3339


156.4476, 0.3394,
0.3324

 26.6648, 0.3613,
0.3344


193.9530, 0.3376,
0.3322

 17.3217, 0.3689,
0.3349

237.0192, 0.3360,
0.3320

 10.4641, 0.3793,
0.3355

286.0306, 0.3345,
0.3319

 5.7077, 0.3945,
0.3360

341.3715, 0.3333,

 2.6682, 0.4184,

0.3317

0.3362

403.4263, 0.3322,
0.3316

0.9611, 0.4719,
0.3422

0.0000, 1.0000,
0.0000

73.4519, 0.3472,
0.3332

73.4519, 0.3472,
0.3332

61.4139, 0.3728,
0.3357

87.3777, 0.3265,
0.3308

51.1731, 0.4040,
0.3382

99.9981, 0.3127,
0.3290

42.6462, 0.4414,
0.3405

35.7393, 0.4843,
0.3421

■ 30.3498, 0.5303,
0.3426

■ 26.3630, 0.5745,
0.3414

■ 23.6481, 0.6102,
0.3385

■ 22.0474, 0.6320,
0.3345

■ 21.8444, 0.6350,
0.3340

Harmonies

Analogous

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



73.4519, 0.3344, 0.3171



73.4519, 0.3472, 0.3332



73.4519, 0.3504, 0.3488

Triad

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



73.4519, 0.3472, 0.3332



73.4519, 0.3087, 0.3557



73.4519, 0.2827, 0.2985

Complementary

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



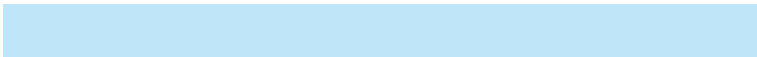
73.4519, 0.3472, 0.3332



89.7428, 0.2852, 0.3248

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.



73.4519, 0.2764, 0.3077



73.4519, 0.3472, 0.3332



73.4519, 0.2911, 0.3410

Square

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



73.4519, 0.3472, 0.3332



73.4519, 0.3278, 0.3626



73.4519, 0.2794, 0.3232



73.4519, 0.2970, 0.2975

Rectangle

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



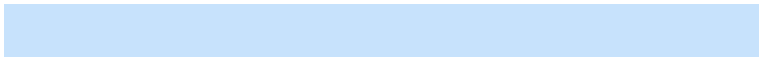
73.4519, 0.3472, 0.3332



73.4519, 0.3467, 0.3568



73.4519, 0.2794, 0.3232



73.4519, 0.2796, 0.3007

Sweetspot

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



73.4552, 0.3472, 0.3332



92.0065, 0.3210, 0.3301



73.8260, 0.3174, 0.2877



19.4613, 0.3222, 0.3303



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

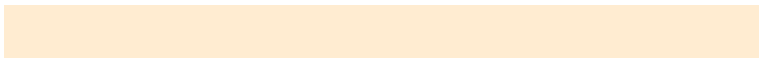
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4552, 0.3472, 0.3332



68.4752, 0.3567, 0.3342



85.7484, 0.3432, 0.3559



18.2425, 0.3292, 0.3311



11.5018, 0.6336, 0.3351



1.2028, 0.6203, 0.3456

Inverse Universe

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



89.7428, 0.2852, 0.3248



87.7745, 0.2795, 0.3237



76.3434, 0.2840, 0.3006



20.1933, 0.2980, 0.3269



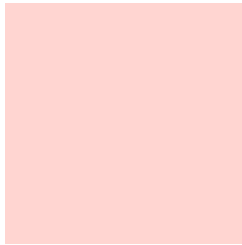
34.2404, 0.2170, 0.3013



3.4105, 0.2180, 0.3047

Previews

White Background



This preview shows how the Yxy color 73.4519, 0.3472, 0.3332 looks on a white background.

Color Contrast Check

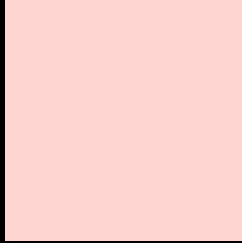
Large Text (above 18pt) WCAG AA × Fail

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 73.4519, 0.3472, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

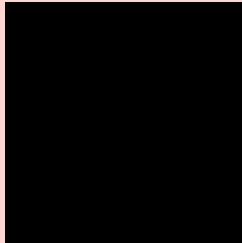
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

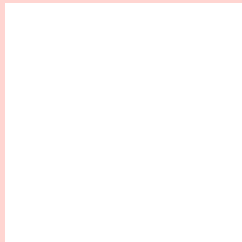
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4519, 0.3472, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 73.4519, 0.3472, 0.3332.

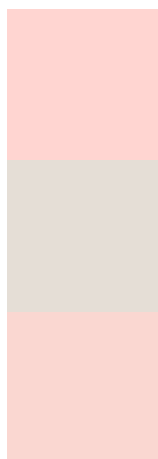


This preview shows how white text looks on a background with the Yxy color 73.4519, 0.3472, 0.3332.

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

73.4519, 0.3472, 0.3332

Protanopia

73.7556, 0.3230, 0.3376

Deuteranopia

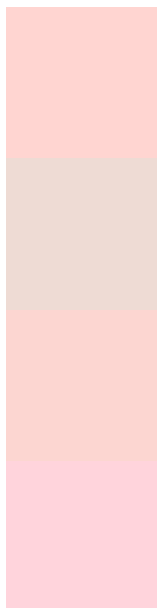
73.5283, 0.3430, 0.3353



Tritanopia

73.3395, 0.3350, 0.3140

Trichromacy



Original Color

73.4519, 0.3472, 0.3332

Protanomaly

73.5936, 0.3313, 0.3364

Deuteranomaly

73.3920, 0.3447, 0.3342

Tritanomaly

73.5143, 0.3393, 0.3210

Monochromacy



Original Color

73.4519, 0.3472, 0.3332

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6602, 0.3248, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4519, 0.3472, 0.3332 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 209) }
```

Border

The CSS property to change the border of an element to Yxy 73.4519, 0.3472, 0.3332 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, 209) }
```

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

```
.border{ border-color:rgb(255, 213, 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, 213, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4519, 0.3472, 0.3332 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, 209) }
```

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

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