

Converting Colors

$Y_{xy}(72.2176, 0.3569, 0.3449)$

Have a look what the booklet for
Yxy(72.2176, 0.3569, 0.3449)
contains.

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Color

Yxy(72.3325, 0.3571, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4C4
RGB	255, 212, 196
RGB Percent	100%, 83%, 77%
CMY	0.0000, 0.1687, 0.2313
CMYK	0.00, 0.17, 0.23, 0.00
HSL	16°, 100%, 88%
HSV	16°, 23%, 100%
XYZ	74.7610, 72.3325, 62.2625
YIQ	223.0330, 30.7640, 4.1400

Conversions

Conversions Part 2

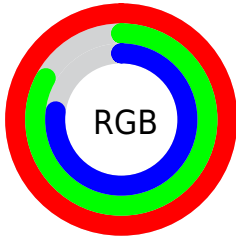
Format	Color
R_{YB}	255, 218, 196
Decimal	16766148
CIE Lab	88.13, 12.72, 13.53
CIE LCh	88, 18.567, 46.768
Yxy	72.3325, 0.3571, 0.3455
Android (android.graphics.Color)	4294956228 (0xFFFFD4C4)
YUV	223.0330, -13.3273, 28.0351
Hunter-Lab	85.0485, 8.0737, 16.1288

Details

The Yxy color **72.3325, 0.3571, 0.3455** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7170, 0.2770, 0.3119**, and the grayscale version is **73.8929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **38.0727, 0.3687, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **62.4945, 0.3825, 0.3531**, and if you desaturate by 10%, it is **83.4298, 0.3356, 0.3381**.

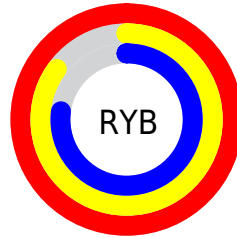
Distribution



Red (100%)

Green (83%)

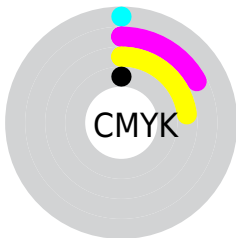
Blue (77%)



Red (100%)

Yellow (85%)

Blue (77%)

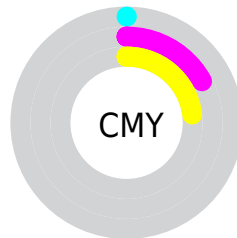


Cyan (0%)

Magenta (17%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3325, 0.3571, 0.3455 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 72.3325, 0.3571, 0.3455 by changing the saturation by 10% instead.

 72.3325, 0.3571,
0.3455

 72.3325, 0.3571,
0.3455


468.6981, 0.3364,
0.3382

 53.4303, 0.3619,
0.3471


122.5291, 0.3499,
0.3431

 38.1464, 0.3678,
0.3490


154.5924, 0.3471,
0.3421

 26.0963, 0.3753,
0.3513


191.8115, 0.3447,
0.3412

 16.8957, 0.3852,
0.3541

234.5708, 0.3426,
0.3405

 10.1602, 0.3987,
0.3578

283.2547, 0.3407,
0.3398

 5.5053, 0.4183,
0.3624

338.2476, 0.3391,

 2.5467, 0.4488,

0.3392

0.3682

399.9340, 0.3377,
0.3387

0.8999, 0.5642,
0.4199

0.0000, 1.0000,
0.0000

72.3325, 0.3571,
0.3455

72.3325, 0.3571,
0.3455

62.4945, 0.3825,
0.3531

83.4298, 0.3356,
0.3381

53.8835, 0.4124,
0.3605

95.8440, 0.3177,
0.3311

46.4457, 0.4466,
0.3669

100.0000, 0.3127,
0.3290

40.1286, 0.4842,
0.3715

■ 34.8757, 0.5231,
0.3731

■ 30.6246, 0.5598,
0.3705

■ 27.3057, 0.5902,
0.3634

■ 25.5173, 0.6063,
0.3568

Harmonies

Analogous

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



72.3325, 0.3488, 0.3266



72.3325, 0.3571, 0.3455



72.3325, 0.3530, 0.3610

Triad

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



72.3325, 0.3571, 0.3455



72.3325, 0.2944, 0.3504



72.3325, 0.2871, 0.2915

Complementary

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



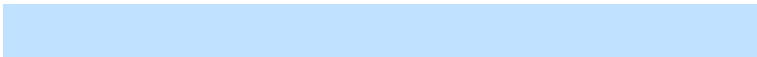
72.3325, 0.3571, 0.3455



80.7170, 0.2770, 0.3119

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.



72.3325, 0.2736, 0.2962



72.3325, 0.3571, 0.3455



72.3325, 0.2778, 0.3299

Square

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



72.3325, 0.3571, 0.3455



72.3325, 0.3164, 0.3649



72.3325, 0.2703, 0.3100



72.3325, 0.3078, 0.2962

Rectangle

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



72.3325, 0.3571, 0.3455



72.3325, 0.3439, 0.3672



72.3325, 0.2703, 0.3100



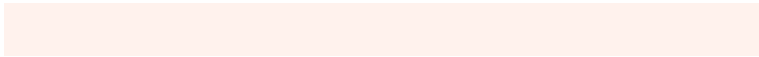
72.3325, 0.2816, 0.2920

Sweetspot

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



72.3279, 0.3571, 0.3455



90.8759, 0.3243, 0.3337



67.0014, 0.3269, 0.2859



19.2894, 0.3253, 0.3342



0.0000, 0.0000, 0.0000



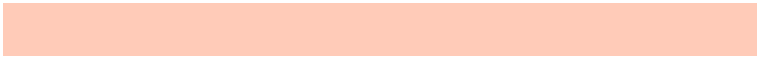
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3279, 0.3571, 0.3455



67.3791, 0.3689, 0.3492



88.2998, 0.3506, 0.3742



18.7867, 0.3288, 0.3355



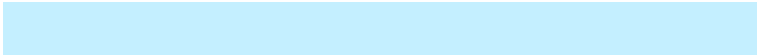
13.5431, 0.6035, 0.3590



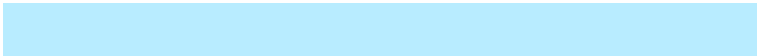
1.4904, 0.5816, 0.3764

Inverse Universe

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



80.7170, 0.2770, 0.3119



77.1665, 0.2697, 0.3078



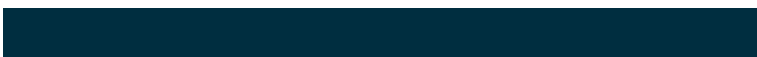
64.9490, 0.2744, 0.2793



19.6010, 0.2980, 0.3224



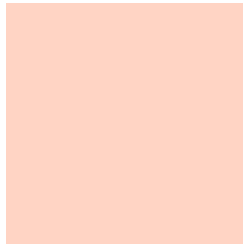
22.3812, 0.1996, 0.2384



2.3604, 0.2028, 0.2500

Previews

White Background



This preview shows how the Yxy color 72.3325, 0.3571, 0.3455 looks on a white background.

Color Contrast Check

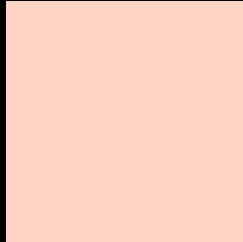
Large Text (above 18pt) WCAG AA × Fail

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 72.3325, 0.3571, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

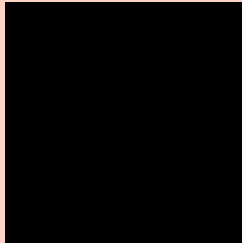
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3325, 0.3571, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 72.3325, 0.3571, 0.3455.

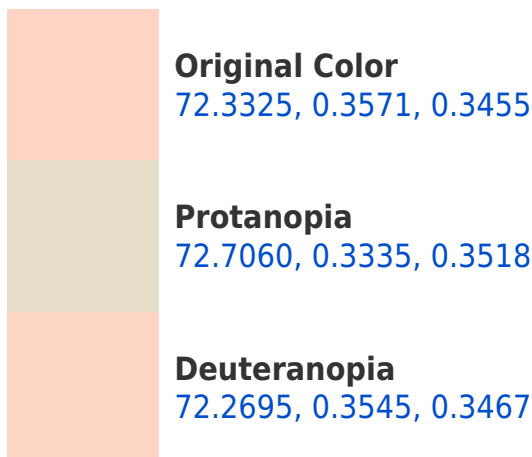


This preview shows how white text looks on a background with the Yxy color 72.3325, 0.3571, 0.3455.

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

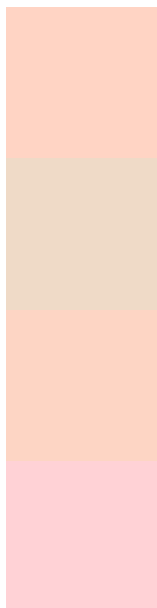




Tritanopia

72.2427, 0.3368, 0.3139

Trichromacy



Original Color

72.3325, 0.3571, 0.3455

Protanomaly

72.6171, 0.3414, 0.3493

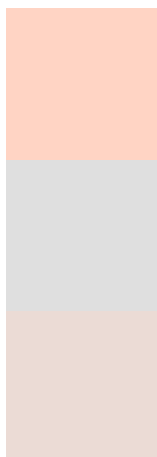
Deuteranomaly

72.4567, 0.3553, 0.3467

Tritanomaly

72.2082, 0.3440, 0.3250

Monochromacy



Original Color

72.3325, 0.3571, 0.3455

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1293, 0.3284, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3325, 0.3571, 0.3455 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, 212, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 196)  
}
```

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, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 196) }
```

Border

The CSS property to change the border of an element to Yxy 72.3325, 0.3571, 0.3455 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, 212, 196) }
```

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

```
.border{ border-color:rgb(255, 212, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
196) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.3325, 0.3571, 0.3455$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 196) }
```

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

```
.background{ background-color: rgb(255,  
212, 196) }
```

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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