

Converting Colors

$Y_{xy}(75.3177, 0.3650, 0.3425)$

Have a look what the booklet for
Yxy(75.3177, 0.3650, 0.3425)
contains.

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Color

Yxy(72.4705, 0.3548, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4C7
RGB	255, 212, 199
RGB Percent	100%, 83%, 78%
CMY	0.0000, 0.1686, 0.2194
CMYK	0.00, 0.17, 0.22, 0.00
HSL	14°, 100%, 89%
HSV	14°, 22%, 100%
XYZ	75.0950, 72.4705, 64.0890
YIQ	223.3750, 29.8010, 5.0730

Conversions

Conversions Part 2

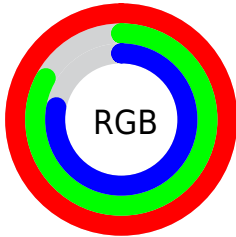
Format	Color
R _Y B	255, 216, 199
Decimal	16766151
CIE Lab	88.19, 13.12, 12.03
CIE LCh	88, 17.802, 42.531
Yxy	72.4705, 0.3548, 0.3424
Android (android.graphics.Color)	4294956231 (0xFFFFD4C7)
YUV	223.3750, -12.0169, 27.7351
Hunter-Lab	85.1296, 8.4826, 14.9548

Details

The Yxy color **72.4705, 0.3548, 0.3424** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.8937, 0.2790, 0.3152**, and the grayscale version is **74.1472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1640, 0.3656, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **62.1774, 0.3803, 0.3489**, and if you desaturate by 10%, it is **84.1574, 0.3335, 0.3361**.

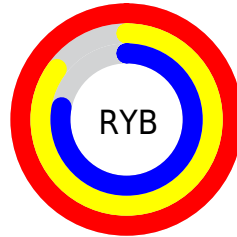
Distribution



Red (100%)

Green (83%)

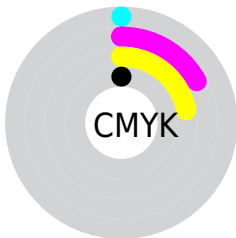
Blue (78%)



Red (100%)

Yellow (85%)

Blue (78%)

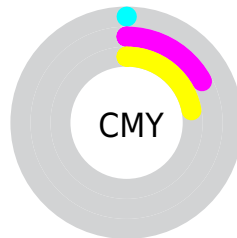


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4705, 0.3548, 0.3424 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 72.4705, 0.3548, 0.3424 by changing the saturation by 10% instead.


 72.4705, 0.3548,
0.3424

 72.4705, 0.3548,
0.3424


469.1776, 0.3351,
0.3365

 53.5431, 0.3593,
0.3437


122.7252, 0.3479,
0.3404

 38.2365, 0.3649,
0.3452


154.8213, 0.3453,
0.3396

 26.1663, 0.3721,
0.3470


192.0758, 0.3430,
0.3390

 16.9481, 0.3815,
0.3493


234.8731, 0.3410,
0.3384

 10.1975, 0.3943,
0.3521

283.5975, 0.3393,
0.3378

 5.5301, 0.4129,
0.3558

338.6334, 0.3377,

 2.5615, 0.4421,

0.3373

0.3602

400.3653, 0.3364,
0.3369

0.9074, 0.5387,
0.3972

0.0000, 1.0000,
0.0000

72.4705, 0.3548,
0.3424

72.4705, 0.3548,
0.3424

62.1774, 0.3803,
0.3489

84.1574, 0.3335,
0.3361

53.2160, 0.4106,
0.3553

97.2775, 0.3158,
0.3301

45.5339, 0.4456,
0.3609

99.9993, 0.3127,
0.3290

39.0716, 0.4845,
0.3649

■ 33.7644, 0.5251,
0.3662

■ 29.5416, 0.5638,
0.3638

■ 26.3237, 0.5957,
0.3574

■ 24.3937, 0.6146,
0.3502

Harmonies

Analogous

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



72.4705, 0.3452, 0.3241



72.4705, 0.3548, 0.3424



72.4705, 0.3526, 0.3580

Triad

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



72.4705, 0.3548, 0.3424



72.4705, 0.2980, 0.3520



72.4705, 0.2859, 0.2931

Complementary

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



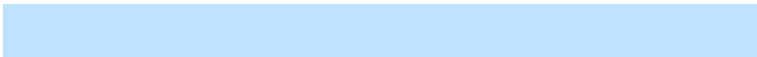
72.4705, 0.3548, 0.3424



82.8937, 0.2790, 0.3152

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.



72.4705, 0.2742, 0.2990



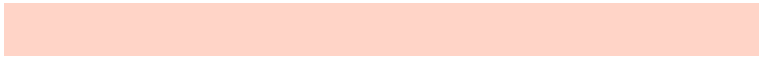
72.4705, 0.3548, 0.3424



72.4705, 0.2810, 0.3328

Square

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



72.4705, 0.3548, 0.3424



72.4705, 0.3193, 0.3645



72.4705, 0.2724, 0.3133



72.4705, 0.3049, 0.2964

Rectangle

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



72.4705, 0.3548, 0.3424



72.4705, 0.3448, 0.3647



72.4705, 0.2724, 0.3133



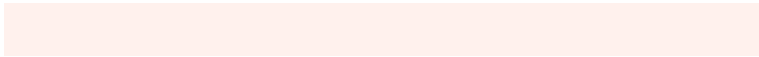
72.4705, 0.2810, 0.2941

Sweetspot

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



72.4738, 0.3548, 0.3424



90.4624, 0.3243, 0.3331



68.5898, 0.3240, 0.2855



19.1939, 0.3254, 0.3334



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.



72.4738, 0.3548, 0.3424



68.1338, 0.3646, 0.3450



87.2016, 0.3491, 0.3692



18.6696, 0.3289, 0.3346



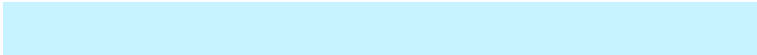
12.9325, 0.6119, 0.3523



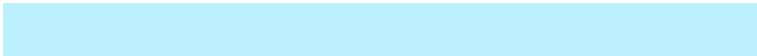
1.4167, 0.5906, 0.3693

Inverse Universe

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



82.8937, 0.2790, 0.3152



80.1108, 0.2730, 0.3123



67.9164, 0.2768, 0.2853



19.7260, 0.2980, 0.3234



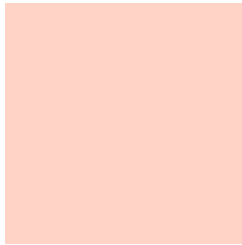
24.6250, 0.2034, 0.2522



2.5626, 0.2061, 0.2620

Previews

White Background



This preview shows how the Yxy color 72.4705, 0.3548, 0.3424 looks on a white background.

Color Contrast Check

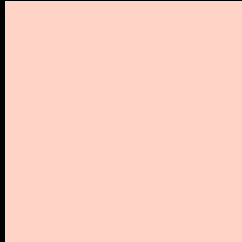
Large Text (above 18pt) WCAG AA × Fail

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 72.4705, 0.3548, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

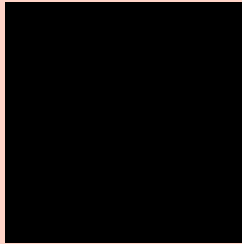
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.4705, 0.3548, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 72.4705, 0.3548, 0.3424.

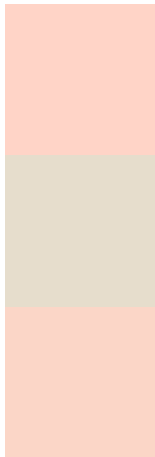


This preview shows how white text looks on a background with the Yxy color 72.4705, 0.3548, 0.3424.

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

72.4705, 0.3548, 0.3424

Protanopia

72.8955, 0.3307, 0.3474

Deuteranopia

72.7259, 0.3513, 0.3446



Tritanopia

72.2427, 0.3368, 0.3139

Trichromacy



Original Color

72.4705, 0.3548, 0.3424

Protanomaly

72.7578, 0.3393, 0.3461

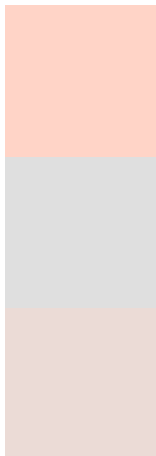
Deuteranomaly

72.4075, 0.3523, 0.3436

Tritanomaly

72.2595, 0.3433, 0.3240

Monochromacy



Original Color

72.4705, 0.3548, 0.3424

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1802, 0.3277, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4705, 0.3548, 0.3424 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, 199)` looks like.

```
.text, #text, p{  
  color:rgb(255, 212, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 199) }
```

Border

The CSS property to change the border of an element to Yxy 72.4705, 0.3548, 0.3424 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, 199) }
```

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

```
.border{ border-color:rgb(255, 212, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4705, 0.3548, 0.3424 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
212, 199) }
```

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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