

Converting Colors

$Y_{xy}(72.7177, 0.3548, 0.3431)$

Have a look what the booklet for
Yxy(72.7177, 0.3548, 0.3431)
contains.

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Color

Yxy(72.9720, 0.3546, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5C7
RGB	255, 213, 199
RGB Percent	100%, 84%, 78%
CMY	0.0002, 0.1646, 0.2197
CMYK	0.00, 0.16, 0.22, 0.00
HSL	15°, 100%, 89%
HSV	15°, 22%, 100%
XYZ	75.3300, 72.9720, 64.1346
YIQ	223.9620, 29.5260, 4.5500

Conversions

Conversions Part 2

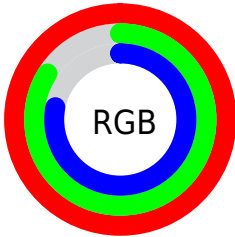
Format	Color
R _Y B	255, 218, 199
Decimal	16766407
CIE Lab	88.43, 12.57, 12.41
CIE LCh	88, 17.660, 44.636
Yxy	72.9720, 0.3546, 0.3435
Android (android.graphics.Color)	4294956487 (0xFFFFD5C7)
YUV	223.9620, -12.3063, 27.2203
Hunter-Lab	85.4237, 7.9172, 15.2826

Details

The Yxy color **72.9720, 0.3546, 0.3435** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.2185, 0.2789, 0.3140**, and the grayscale version is **74.5853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5038, 0.3653, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **62.8378, 0.3799, 0.3506**, and if you desaturate by 10%, it is **84.4430, 0.3334, 0.3367**.

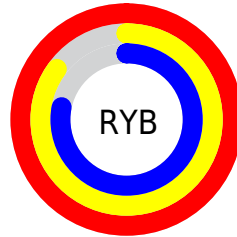
Distribution



Red (100%)

Green (84%)

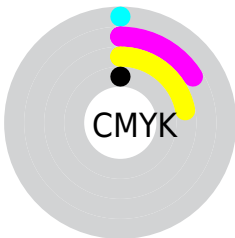
Blue (78%)



Red (100%)

Yellow (85%)

Blue (78%)

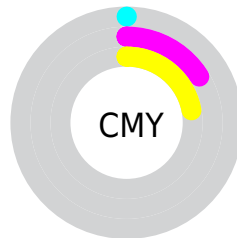


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9720, 0.3546, 0.3435 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 72.9720, 0.3546, 0.3435 by changing the saturation by 10% instead.


 72.9720, 0.3546,
0.3435

 72.9720, 0.3546,
0.3435


470.9178, 0.3351,
0.3371

 53.9531, 0.3591,
0.3449


123.4375, 0.3478,
0.3414

 38.5641, 0.3647,
0.3465


155.6528, 0.3452,
0.3405

 26.4208, 0.3717,
0.3485


193.0357, 0.3429,
0.3398

 17.1387, 0.3810,
0.3510

235.9706, 0.3409,
0.3391

 10.3335, 0.3937,
0.3542

284.8418, 0.3392,
0.3385

 5.6206, 0.4121,
0.3583

340.0338, 0.3376,

 2.6158, 0.4408,

0.3380

0.3634

401.9310, 0.3363,
0.3375

0.9346, 0.5348,
0.4012

0.0000, 1.0000,
0.0000

72.9720, 0.3546,
0.3435

72.9720, 0.3546,
0.3435

62.8378, 0.3799,
0.3506

84.4430, 0.3334,
0.3367

53.9813, 0.4097,
0.3575

97.2870, 0.3158,
0.3302

46.3539, 0.4440,
0.3636

99.9924, 0.3127,
0.3290

39.8997, 0.4821,
0.3680

■ 34.5585, 0.5219,
0.3696

■ 30.2644, 0.5599,
0.3673

■ 26.9434, 0.5916,
0.3608

■ 24.9146, 0.6106,
0.3533

Harmonies

Analogous

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



72.9720, 0.3459, 0.3254



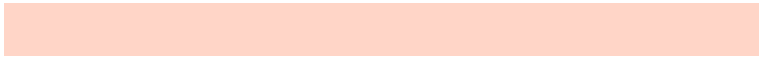
72.9720, 0.3546, 0.3435



72.9720, 0.3516, 0.3586

Triad

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



72.9720, 0.3546, 0.3435



72.9720, 0.2968, 0.3505



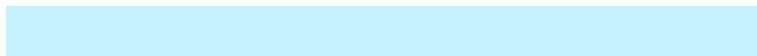
72.9720, 0.2873, 0.2934

Complementary

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



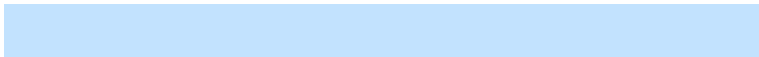
72.9720, 0.3546, 0.3435



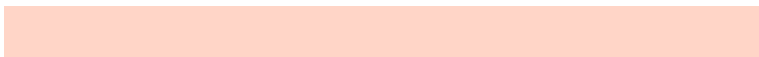
82.2185, 0.2789, 0.3140

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.



72.9720, 0.2750, 0.2986



72.9720, 0.3546, 0.3435



72.9720, 0.2804, 0.3313

Square

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



72.9720, 0.3546, 0.3435



72.9720, 0.3178, 0.3636



72.9720, 0.2726, 0.3122



72.9720, 0.3065, 0.2972

Rectangle

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



72.9720, 0.3546, 0.3435



72.9720, 0.3435, 0.3648



72.9720, 0.2726, 0.3122



72.9720, 0.2822, 0.2941

Sweetspot

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



72.9753, 0.3546, 0.3435



90.6661, 0.3243, 0.3334



68.4391, 0.3253, 0.2872



19.2409, 0.3254, 0.3338



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

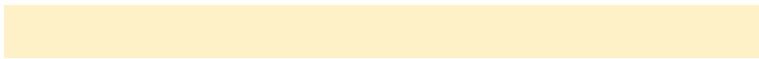
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9753, 0.3546, 0.3435



68.7427, 0.3643, 0.3463



88.2651, 0.3488, 0.3710



18.7273, 0.3288, 0.3350



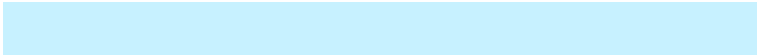
13.2208, 0.6079, 0.3555



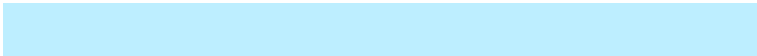
1.4520, 0.5862, 0.3728

Inverse Universe

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



82.2185, 0.2789, 0.3140



79.3642, 0.2728, 0.3109



66.9330, 0.2766, 0.2832



19.6643, 0.2980, 0.3229



23.4997, 0.2015, 0.2454



2.4615, 0.2045, 0.2561

Previews

White Background



This preview shows how the Yxy color 72.9720, 0.3546, 0.3435 looks on a white background.

Color Contrast Check

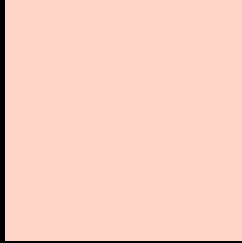
Large Text (above 18pt) WCAG AA × Fail

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 72.9720, 0.3546, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

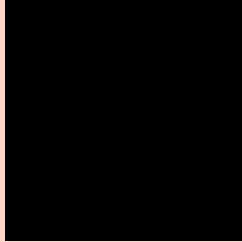
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9720, 0.3546, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 72.9720, 0.3546, 0.3435.

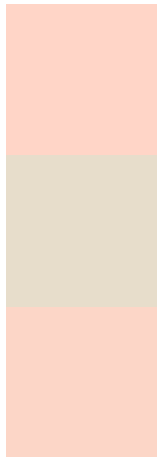


This preview shows how white text looks on a background with the Yxy color 72.9720, 0.3546, 0.3435.

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

72.9720, 0.3546, 0.3435

Protanopia

73.0136, 0.3321, 0.3485

Deuteranopia

72.9121, 0.3521, 0.3446



Tritanopia

72.7894, 0.3359, 0.3140

Trichromacy



Original Color

72.9720, 0.3546, 0.3435

Protanomaly

72.9323, 0.3400, 0.3460

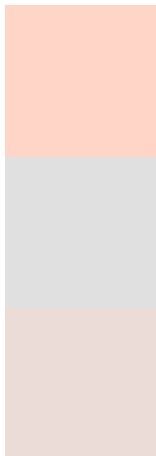
Deuteranomaly

73.0993, 0.3529, 0.3445

Tritanomaly

72.8064, 0.3424, 0.3240

Monochromacy



Original Color

72.9720, 0.3546, 0.3435

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.7549, 0.3269, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9720, 0.3546, 0.3435 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 199) }
```

Border

The CSS property to change the border of an element to Yxy 72.9720, 0.3546, 0.3435 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, 199) }
```

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

```
.border{ border-color:rgb(255, 213, 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, 213, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
199) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.9720, 0.3546, 0.3435$ 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, 199) }
```

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

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