

Converting Colors

$Yxy(72.1468, 0.3577, 0.3451)$

Have a look what the booklet for
Yxy(72.1468, 0.3577, 0.3451)
contains.

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Color

Yxy(71.8341, 0.3573, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3C4
RGB	255, 211, 196
RGB Percent	100%, 83%, 77%
CMY	0.0000, 0.1725, 0.2313
CMYK	0.00, 0.17, 0.23, 0.00
HSL	15°, 100%, 88%
HSV	15°, 23%, 100%
XYZ	74.5031, 71.8341, 62.1798
YIQ	222.4460, 31.0390, 4.6630

Conversions

Conversions Part 2

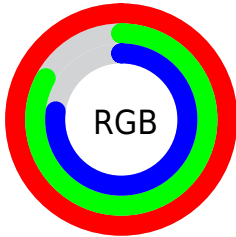
Format	Color
R _Y B	255, 216, 196
Decimal	16765892
CIE Lab	87.89, 13.22, 13.19
CIE LCh	88, 18.673, 44.932
Yxy	71.8341, 0.3573, 0.3445
Android (android.graphics.Color)	4294955972 (0xFFFFD3C4)
YUV	222.4460, -13.0379, 28.5499
Hunter-Lab	84.7550, 8.5876, 15.8309

Details

The Yxy color **71.8341, 0.3573, 0.3445** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.2970, 0.2771, 0.3129**, and the grayscale version is **73.4578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **37.7357, 0.3690, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **61.8702, 0.3830, 0.3516**, and if you desaturate by 10%, it is **83.1172, 0.3357, 0.3375**.

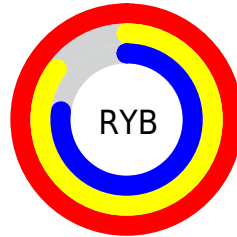
Distribution



Red (100%)

Green (83%)

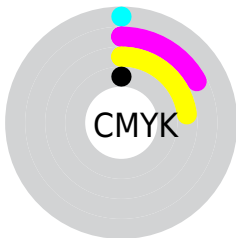
Blue (77%)



Red (100%)

Yellow (85%)

Blue (77%)

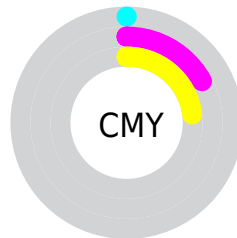


Cyan (0%)

Magenta (17%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8341, 0.3573, 0.3445 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 71.8341, 0.3573, 0.3445 by changing the saturation by 10% instead.


 71.8341, 0.3573,
0.3445

 71.8341, 0.3573,
0.3445


466.9640, 0.3364,
0.3377

 53.0232, 0.3621,
0.3460


121.8206, 0.3500,
0.3422

 37.8213, 0.3681,
0.3477


153.7650, 0.3472,
0.3413

 25.8440, 0.3757,
0.3499


190.8560, 0.3448,
0.3405

 16.7070, 0.3857,
0.3525

233.4780, 0.3427,
0.3398

 10.0258, 0.3993,
0.3559

282.0154, 0.3408,
0.3392

 5.4161, 0.4192,
0.3601

336.8526, 0.3392,

 2.4934, 0.4502,

0.3386

0.3652

398.3740, 0.3377,
0.3381

0.8733, 0.5693,
0.4169

0.0000, 1.0000,
0.0000

71.8341, 0.3573,
0.3445

71.8341, 0.3573,
0.3445

61.8702, 0.3830,
0.3516

83.1172, 0.3357,
0.3375

53.1724, 0.4133,
0.3586

95.7613, 0.3177,
0.3310

45.6900, 0.4480,
0.3646

100.0000, 0.3127,
0.3290

39.3674, 0.4863,
0.3688

■ 34.1444, 0.5260,
0.3701

■ 29.9550, 0.5634,
0.3674

■ 26.7249, 0.5940,
0.3603

■ 25.0105, 0.6100,
0.3539

Harmonies

Analogous

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



71.8341, 0.3482, 0.3254



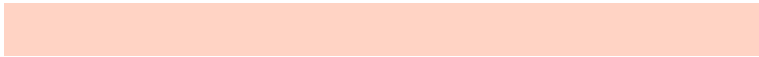
71.8341, 0.3573, 0.3445



71.8341, 0.3539, 0.3605

Triad

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



71.8341, 0.3573, 0.3445



71.8341, 0.2955, 0.3518



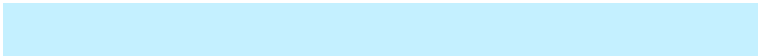
71.8341, 0.2858, 0.2912

Complementary

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



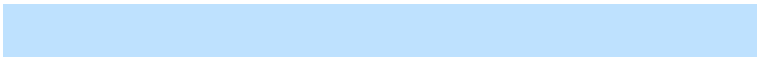
71.8341, 0.3573, 0.3445



81.2970, 0.2771, 0.3129

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.



71.8341, 0.2728, 0.2966



71.8341, 0.3573, 0.3445



71.8341, 0.2783, 0.3312

Square

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



71.8341, 0.3573, 0.3445



71.8341, 0.3178, 0.3658



71.8341, 0.2701, 0.3109



71.8341, 0.3063, 0.2954

Rectangle

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



71.8341, 0.3573, 0.3445



71.8341, 0.3452, 0.3671



71.8341, 0.2701, 0.3109



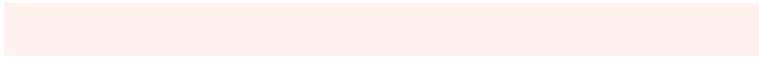
71.8341, 0.2805, 0.2919

Sweetspot

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



71.8356, 0.3573, 0.3445



90.6981, 0.3243, 0.3335



67.0597, 0.3261, 0.2849



19.2483, 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.



71.8356, 0.3573, 0.3445



66.8167, 0.3693, 0.3480



87.7187, 0.3508, 0.3733



18.7363, 0.3288, 0.3351



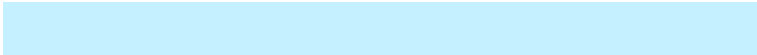
13.2682, 0.6072, 0.3560



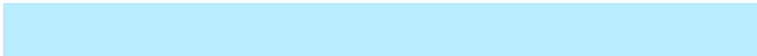
1.4577, 0.5855, 0.3733

Inverse Universe

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



81.2970, 0.2771, 0.3129



77.8562, 0.2698, 0.3091



65.4350, 0.2745, 0.2804



19.6546, 0.2980, 0.3228



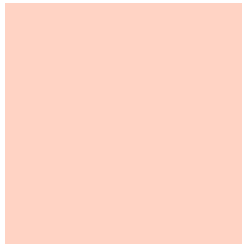
23.3267, 0.2012, 0.2444



2.4459, 0.2042, 0.2552

Previews

White Background



This preview shows how the Yxy color 71.8341, 0.3573, 0.3445 looks on a white background.

Color Contrast Check

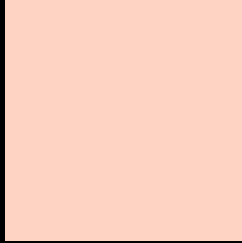
Large Text (above 18pt) WCAG AA × Fail

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 71.8341, 0.3573, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

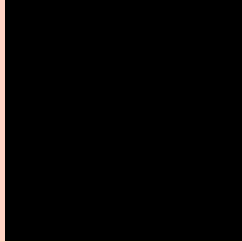
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.8341, 0.3573, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 71.8341, 0.3573, 0.3445.



This preview shows how white text looks on a background with the Yxy color 71.8341, 0.3573, 0.3445.

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

71.8341, 0.3573, 0.3445

Protanopia

72.0615, 0.3322, 0.3497

Deuteranopia

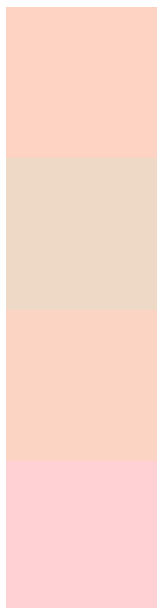
72.0833, 0.3538, 0.3467



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.8341, 0.3573, 0.3445

Protanomaly

71.9264, 0.3408, 0.3483

Deuteranomaly

71.7679, 0.3548, 0.3457

Tritanomaly

71.6650, 0.3449, 0.3250

Monochromacy



Original Color

71.8341, 0.3573, 0.3445

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4393, 0.3278, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8341, 0.3573, 0.3445 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, 211, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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, 211, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 196) }
```

Border

The CSS property to change the border of an element to Yxy 71.8341, 0.3573, 0.3445 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, 211, 196) }
```

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

```
.border{ border-color:rgb(255, 211, 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, 211, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8341, 0.3573, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 196) }
```

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

```
.background{ background-color: rgb(255,  
211, 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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