

Converting Colors

$Yxy(71.6450, 0.3646, 0.3553)$

Have a look what the booklet for
Yxy(71.6450, 0.3646, 0.3553)
contains.

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Color

Yxy(71.8921, 0.3646, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4BA
RGB	255, 212, 186
RGB Percent	100%, 83%, 73%
CMY	0.0000, 0.1686, 0.2705
CMYK	0.00, 0.17, 0.27, 0.00
HSL	23°, 100%, 86%
HSV	23°, 27%, 100%
XYZ	73.6495, 71.8921, 56.4592
YIQ	221.8930, 33.9740, 1.0300

Conversions

Conversions Part 2

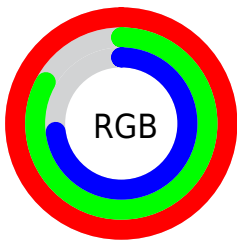
Format	Color
R _Y B	255, 228, 186
Decimal	16766138
CIE Lab	87.92, 11.33, 18.49
CIE LCh	88, 21.685, 58.497
Yxy	71.8921, 0.3646, 0.3559
Android (android.graphics.Color)	4294956218 (0xFFFFD4BA)
YUV	221.8930, -17.6952, 29.0348
Hunter-Lab	84.7892, 6.6674, 19.8726

Details

The Yxy color **71.8921, 0.3646, 0.3559** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7097, 0.2703, 0.3004**, and the grayscale version is **73.0785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **37.6777, 0.3766, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **63.3447, 0.3898, 0.3663**, and if you desaturate by 10%, it is **81.4197, 0.3428, 0.3455**.

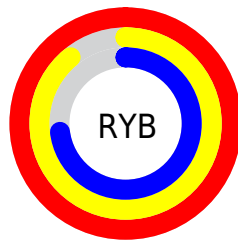
Distribution



Red (100%)

Green (83%)

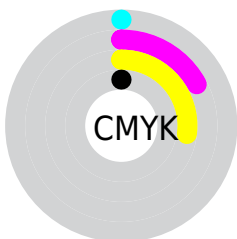
Blue (73%)



Red (100%)

Yellow (89%)

Blue (73%)

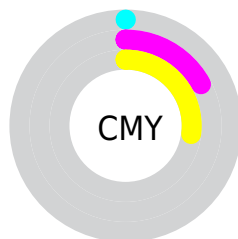


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8921, 0.3646, 0.3559 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 71.8921, 0.3646, 0.3559 by changing the saturation by 10% instead.


 71.8921, 0.3646,
0.3559

 71.8921, 0.3646,
0.3559

467.1660, 0.3404,
0.3439

 53.0705, 0.3702,
0.3585

 121.9031, 0.3562,
0.3518

 37.8591, 0.3771,
0.3617


153.8614, 0.3529,
0.3502

 25.8733, 0.3858,
0.3655


190.9673, 0.3501,
0.3488

 16.7289, 0.3972,
0.3703

233.6053, 0.3476,
0.3476

 10.0414, 0.4128,
0.3765

282.1598, 0.3455,
0.3465

 5.4264, 0.4349,
0.3844

337.0151, 0.3436,

 2.4996, 0.4689,

0.3456

0.3943

398.5557, 0.3419,
0.3447

0.8764, 0.5652,
0.4348

0.0000, 1.0000,
0.0000

71.8921, 0.3646,
0.3559

71.8921, 0.3646,
0.3559

63.3447, 0.3898,
0.3663

81.4197, 0.3428,
0.3455

55.7383, 0.4184,
0.3763

91.9520, 0.3242,
0.3356

49.0402, 0.4500,
0.3848

100.0000, 0.3127,
0.3290

43.2131, 0.4836,
0.3906

■ 38.2169, 0.5171,
0.3926

■ 34.0072, 0.5478,
0.3894

■ 30.5331, 0.5729,
0.3810

■ 29.6350, 0.5795,
0.3781

Harmonies

Analogous

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



71.8921, 0.3605, 0.3347



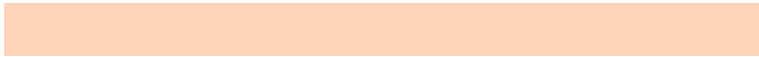
71.8921, 0.3646, 0.3559



71.8921, 0.3542, 0.3713

Triad

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



71.8921, 0.3646, 0.3559



71.8921, 0.2827, 0.3451



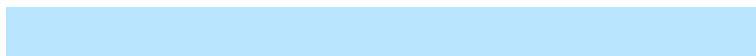
71.8921, 0.2915, 0.2863

Complementary

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



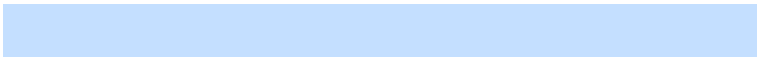
71.8921, 0.3646, 0.3559



73.7097, 0.2703, 0.3004

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.



71.8921, 0.2720, 0.2873



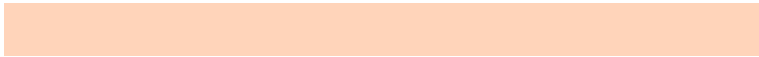
71.8921, 0.3646, 0.3559



71.8921, 0.2671, 0.3202

Square

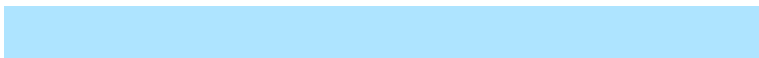
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8921, 0.3646, 0.3559



71.8921, 0.3065, 0.3660



71.8921, 0.2634, 0.2992



71.8921, 0.3173, 0.2957

Rectangle

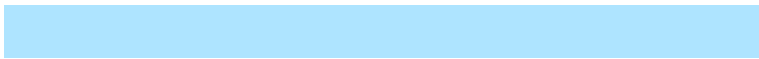
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8921, 0.3646, 0.3559



71.8921, 0.3408, 0.3756



71.8921, 0.2634, 0.2992



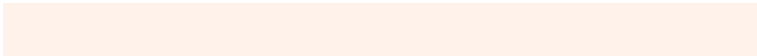
71.8921, 0.2840, 0.2854

Sweetspot

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



71.8942, 0.3646, 0.3559



90.9086, 0.3258, 0.3365



62.0829, 0.3352, 0.2849



19.1081, 0.3285, 0.3380



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.



71.8942, 0.3646, 0.3559



67.5432, 0.3766, 0.3611



90.5975, 0.3560, 0.3885



19.1081, 0.3285, 0.3380



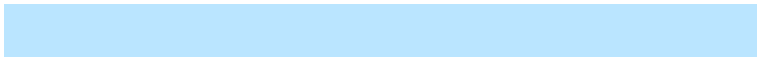
15.7485, 0.5766, 0.3804



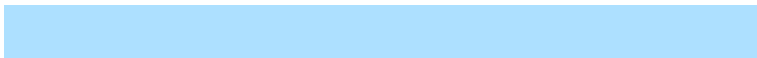
1.7354, 0.5552, 0.3973

Inverse Universe

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



73.7097, 0.2703, 0.3004



69.6031, 0.2626, 0.2943



56.7891, 0.2665, 0.2615



19.2643, 0.2979, 0.3198



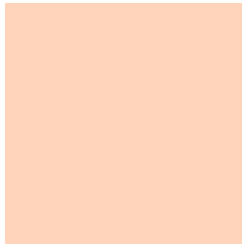
17.0167, 0.1890, 0.2003



1.8673, 0.1935, 0.2166

Previews

White Background



This preview shows how the Yxy color 71.8921, 0.3646, 0.3559 looks on a white background.

Color Contrast Check

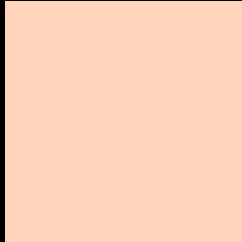
Large Text (above 18pt) WCAG AA × Fail

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 71.8921, 0.3646, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

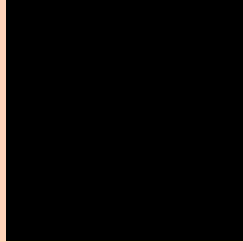
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.8921, 0.3646, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 71.8921, 0.3646, 0.3559.



This preview shows how white text looks on a background with the Yxy color 71.8921, 0.3646, 0.3559.

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

71.8921, 0.3646, 0.3559

Protanopia

72.0599, 0.3421, 0.3616

Deuteranopia

71.7030, 0.3638, 0.3560



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.8921, 0.3646, 0.3559

Protanomaly

71.8251, 0.3495, 0.3590

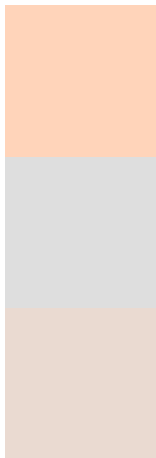
Deuteranomaly

71.7030, 0.3638, 0.3560

Tritanomaly

71.5141, 0.3472, 0.3281

Monochromacy



Original Color

71.8921, 0.3646, 0.3559

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2387, 0.3306, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8921, 0.3646, 0.3559 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 186) }
```

Border

The CSS property to change the border of an element to Yxy 71.8921, 0.3646, 0.3559 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, 186) }
```

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

```
.border{ border-color:rgb(255, 212, 186) }
```

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, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8921, 0.3646, 0.3559 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
212, 186) }
```

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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