

Converting Colors

Yxy(71.1418, 0.3645, 0.3569)

Have a look what the booklet for
Yxy(71.1418, 0.3645, 0.3569)
contains.

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Color

Yxy(70.9740, 0.3641, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	FDD3B9
RGB	253, 211, 185
RGB Percent	99%, 83%, 73%
CMY	0.0077, 0.1726, 0.2746
CMYK	0.00, 0.17, 0.27, 0.01
HSL	23°, 95%, 86%
HSV	23°, 27%, 99%
XYZ	72.5685, 70.9740, 55.7667
YIQ	220.5940, 33.3780, 0.8180

Conversions

Conversions Part 2

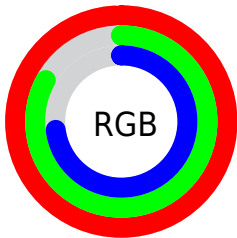
Format	Color
R _Y B	253, 227, 185
Decimal	16634809
CIE Lab	87.47, 10.99, 18.38
CIE LCh	87, 21.417, 59.131
Yxy	70.9740, 0.3641, 0.3561
Android (android.graphics.Color)	4294824889 (0xFFFD3B9)
YUV	220.5940, -17.5478, 28.4201
Hunter-Lab	84.2461, 6.3270, 19.7252

Details

The Yxy color **70.9740, 0.3641, 0.3561** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3644, 0.2705, 0.3002**, and the grayscale version is **72.1183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **37.0450, 0.3760, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **62.6080, 0.3891, 0.3667**, and if you desaturate by 10%, it is **80.2922, 0.3425, 0.3456**.

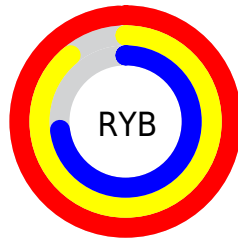
Distribution



Red (99%)

Green (83%)

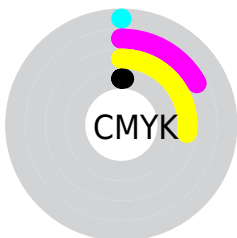
Blue (73%)



Red (99%)

Yellow (89%)

Blue (73%)

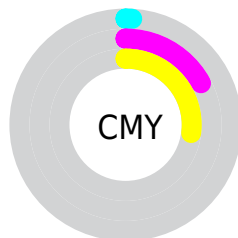


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (1%)



Cyan (1%)


Magenta (17%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9740, 0.3641, 0.3561 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 70.9740, 0.3641, 0.3561 by changing the saturation by 10% instead.


 70.9740, 0.3641,
0.3561

 70.9740, 0.3641,
0.3561


463.9625, 0.3400,
0.3440

 52.3210, 0.3696,
0.3587


 120.5967, 0.3557,
0.3520

 37.2610, 0.3765,
0.3619


152.3352, 0.3525,
0.3504

 25.4096, 0.3852,
0.3659


189.2043, 0.3497,
0.3490

 16.3825, 0.3966,
0.3708

231.5883, 0.3472,
0.3477

 9.7952, 0.4122,
0.3771

279.8718, 0.3451,
0.3466

 5.2634, 0.4344,
0.3852

334.4391, 0.3432,

 2.4026, 0.4689,

0.3456

0.3958

395.6745, 0.3415,
0.3448

0.8272, 0.5646,
0.4354

0.0000, 1.0000,
0.0000

70.9740, 0.3641,
0.3561

70.9740, 0.3641,
0.3561

62.6080, 0.3891,
0.3667

80.2922, 0.3425,
0.3456

55.1530, 0.4175,
0.3768

90.5829, 0.3239,
0.3356

48.5787, 0.4489,
0.3854

99.6298, 0.3115,
0.3290

42.8494, 0.4822,
0.3915

■ 37.9262, 0.5154,
0.3936

■ 33.7667, 0.5459,
0.3907

■ 30.3220, 0.5710,
0.3824

■ 29.3828, 0.5779,
0.3793

Harmonies

Analogous

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



70.9740, 0.3603, 0.3351



70.9740, 0.3641, 0.3561



70.9740, 0.3535, 0.3711

Triad

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



70.9740, 0.3641, 0.3561



70.9740, 0.2825, 0.3445



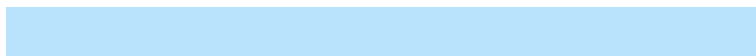
70.9740, 0.2921, 0.2868

Complementary

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



70.9740, 0.3641, 0.3561



72.3644, 0.2705, 0.3002

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.



70.9740, 0.2727, 0.2875



70.9740, 0.3641, 0.3561



70.9740, 0.2673, 0.3198

Square

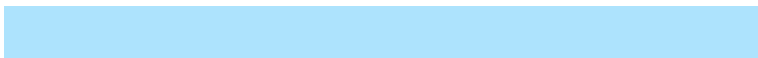
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.9740, 0.3641, 0.3561



70.9740, 0.3060, 0.3653



70.9740, 0.2638, 0.2991



70.9740, 0.3178, 0.2962

Rectangle

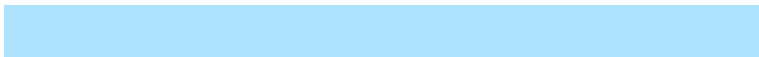
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9740, 0.3641, 0.3561



70.9740, 0.3401, 0.3752



70.9740, 0.2638, 0.2991



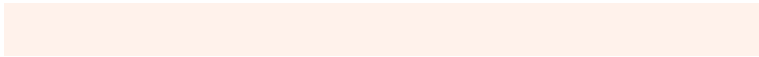
70.9740, 0.2847, 0.2858

Sweetspot

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



70.9773, 0.3641, 0.3561



90.9750, 0.3258, 0.3366



61.1896, 0.3350, 0.2852



19.1248, 0.3285, 0.3381



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.



70.9773, 0.3641, 0.3561



67.7556, 0.3765, 0.3615



89.0725, 0.3557, 0.3882



19.1248, 0.3285, 0.3381



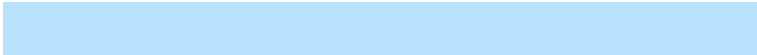
15.8848, 0.5750, 0.3816



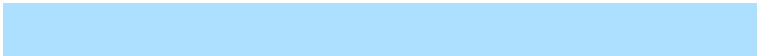
1.7499, 0.5538, 0.3985

Inverse Universe

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



72.3644, 0.2705, 0.3002



69.3634, 0.2625, 0.2938



56.0187, 0.2668, 0.2620



19.2470, 0.2979, 0.3197



16.7689, 0.1884, 0.1984



1.8440, 0.1930, 0.2149

Previews

White Background



This preview shows how the Yxy color 70.9740, 0.3641, 0.3561 looks on a white background.

Color Contrast Check

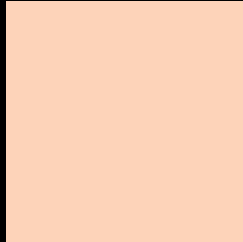
Large Text (above 18pt) WCAG AA × Fail

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 70.9740, 0.3641, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

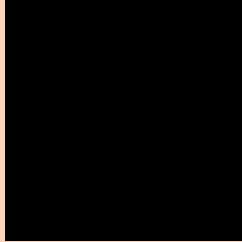
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9740, 0.3641, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 70.9740, 0.3641, 0.3561.

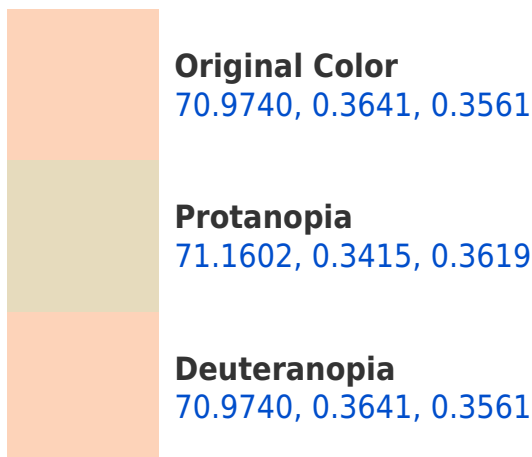


This preview shows how white text looks on a background with the Yxy color 70.9740, 0.3641, 0.3561.

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

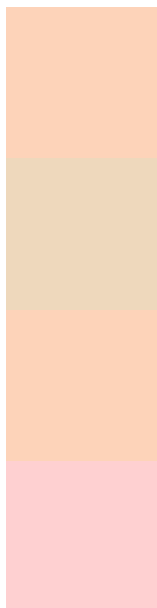




Tritanopia

71.1596, 0.3385, 0.3139

Trichromacy



Original Color

70.9740, 0.3641, 0.3561

Protanomaly

70.9197, 0.3489, 0.3592

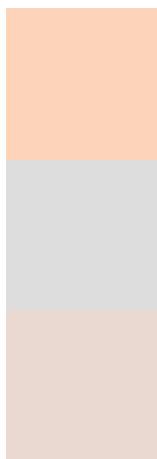
Deuteranomaly

70.9740, 0.3641, 0.3561

Tritanomaly

70.7860, 0.3473, 0.3281

Monochromacy



Original Color

70.9740, 0.3641, 0.3561

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.5034, 0.3307, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9740, 0.3641, 0.3561 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(253, 211, 185)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 185)  
}
```

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(253, 211, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 185) }
```

Border

The CSS property to change the border of an element to Yxy 70.9740, 0.3641, 0.3561 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(253, 211, 185) }
```

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

```
.border{ border-color:rgb(253, 211, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 211, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 211, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 211, 185); box-shadow:4px 4px 4px 4px rgb(253, 211, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9740, 0.3641, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 185) }
```

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

```
.background{ background-color: rgb(253,  
211, 185) }
```

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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