

Converting Colors

$Y_{xy}(72.3518, 0.3742, 0.3573)$

Have a look what the booklet for
Yxy(72.3518, 0.3742, 0.3573)
contains.

Yxy(70.7306, 0.3682, 0.3581)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.7306, 0.3682, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2B6
RGB	255, 210, 182
RGB Percent	100%, 82%, 71%
CMY	0.0000, 0.1764, 0.2864
CMYK	0.00, 0.18, 0.29, 0.00
HSL	23°, 100%, 86%
HSV	23°, 29%, 100%
XYZ	72.7255, 70.7306, 54.0602
YIQ	220.2630, 35.8080, 0.8320

Conversions

Conversions Part 2

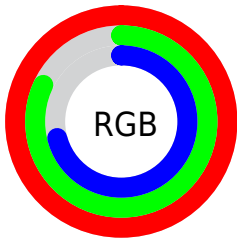
Format	Color
R _Y B	255, 227, 182
Decimal	16765622
CIE Lab	87.35, 11.83, 19.83
CIE LCh	87, 23.088, 59.182
Yxy	70.7306, 0.3682, 0.3581
Android (android.graphics.Color)	4294955702 (0xFFFFD2B6)
YUV	220.2630, -18.8637, 30.4643
Hunter-Lab	84.1015, 7.1776, 20.7596

Details

The Yxy color **70.7306, 0.3682, 0.3581** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.0743, 0.2678, 0.2979**, and the grayscale version is **71.8793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **37.2322, 0.3811, 0.3650** is the 20% darker color. If you saturate the color by 10%, you get **62.3940, 0.3938, 0.3687**, and if you desaturate by 10%, it is **80.0271, 0.3460, 0.3475**.

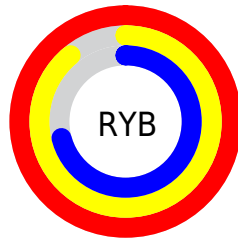
Distribution



Red (100%)

Green (82%)

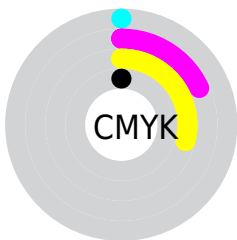
Blue (71%)



Red (100%)

Yellow (89%)

Blue (71%)

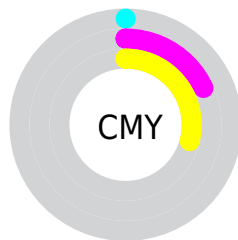


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.7306, 0.3682, 0.3581 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 70.7306, 0.3682, 0.3581 by changing the saturation by 10% instead.


 70.7306, 0.3682,
0.3581

 70.7306, 0.3682,
0.3581

463.1111, 0.3422,
0.3451

 52.1224, 0.3742,
0.3609


 120.2501, 0.3591,
0.3537

 37.1026, 0.3816,
0.3643


151.9301, 0.3556,
0.3520

 25.2870, 0.3910,
0.3685


188.7361, 0.3526,
0.3505

 16.2910, 0.4033,
0.3736

231.0527, 0.3500,
0.3491

 9.7303, 0.4200,
0.3802

279.2640, 0.3477,
0.3480

 5.2205, 0.4438,
0.3884

333.7546, 0.3456,

 2.3772, 0.4816,

0.3469

0.3997

394.9089, 0.3438,
0.3460

0.8141, 0.5707,
0.4293

0.0000, 1.0000,
0.0000

70.7306, 0.3682,
0.3581

70.7306, 0.3682,
0.3581

62.3940, 0.3938,
0.3687

80.0271, 0.3460,
0.3475

54.9751, 0.4227,
0.3786

90.3041, 0.3269,
0.3373

48.4430, 0.4545,
0.3870

99.9985, 0.3127,
0.3290

42.7610, 0.4878,
0.3925

■ 37.8892, 0.5207,
0.3938

■ 33.7838, 0.5504,
0.3900

■ 30.3914, 0.5744,
0.3810

■ 29.9777, 0.5775,
0.3797

Harmonies

Analogous

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



70.7306, 0.3642, 0.3355



70.7306, 0.3682, 0.3581



70.7306, 0.3567, 0.3744

Triad

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



70.7306, 0.3682, 0.3581



70.7306, 0.2801, 0.3457



70.7306, 0.2905, 0.2836

Complementary

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



70.7306, 0.3682, 0.3581



72.0743, 0.2678, 0.2979

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.



70.7306, 0.2696, 0.2843



70.7306, 0.3682, 0.3581



70.7306, 0.2638, 0.3189

Square

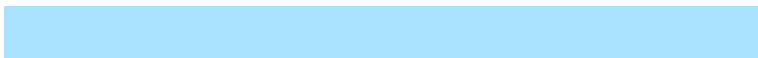
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7306, 0.3682, 0.3581



70.7306, 0.3054, 0.3683



70.7306, 0.2601, 0.2966



70.7306, 0.3182, 0.2938

Rectangle

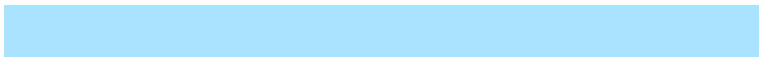
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7306, 0.3682, 0.3581



70.7306, 0.3421, 0.3790



70.7306, 0.2601, 0.2966



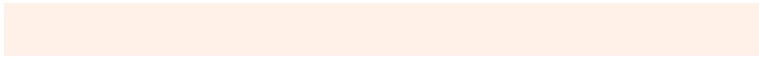
70.7306, 0.2825, 0.2825

Sweetspot

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



70.7339, 0.3682, 0.3581



89.9183, 0.3276, 0.3377



60.2498, 0.3379, 0.2834



18.9140, 0.3302, 0.3391



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.



70.7339, 0.3682, 0.3581



66.1481, 0.3815, 0.3638



90.8345, 0.3583, 0.3932



19.1305, 0.3285, 0.3382



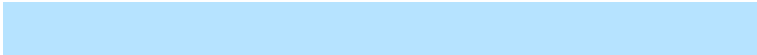
15.9316, 0.5745, 0.3820



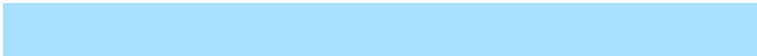
1.7548, 0.5534, 0.3988

Inverse Universe

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



72.0743, 0.2678, 0.2979



67.6655, 0.2594, 0.2911



54.2021, 0.2632, 0.2555



19.2412, 0.2979, 0.3196



16.6853, 0.1883, 0.1977



1.8362, 0.1929, 0.2143

Previews

White Background



This preview shows how the Yxy color 70.7306, 0.3682, 0.3581 looks on a white background.

Color Contrast Check

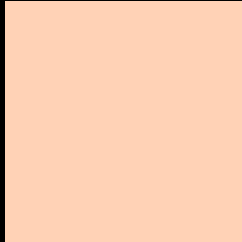
Large Text (above 18pt) WCAG AA × Fail

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 70.7306, 0.3682, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

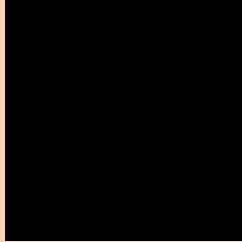
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.7306, 0.3682, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 70.7306, 0.3682, 0.3581.

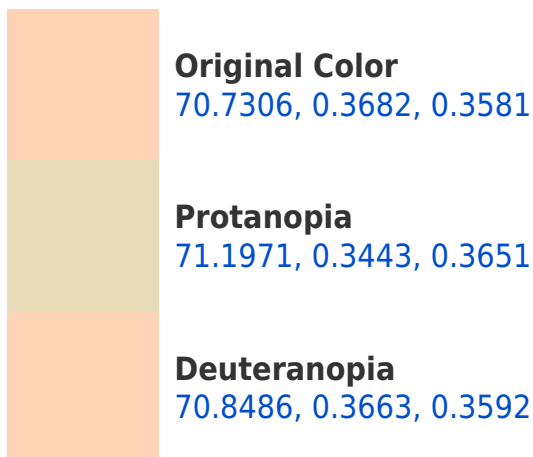


This preview shows how white text looks on a background with the Yxy color 70.7306, 0.3682, 0.3581.

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

70.5699, 0.3401, 0.3149

Trichromacy



Original Color

70.7306, 0.3682, 0.3581

Protanomaly

71.1398, 0.3526, 0.3623

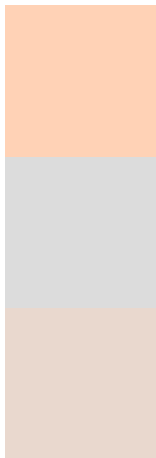
Deuteranomaly

71.0368, 0.3671, 0.3592

Tritanomaly

70.3419, 0.3506, 0.3301

Monochromacy



Original Color

70.7306, 0.3682, 0.3581

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.8916, 0.3322, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7306, 0.3682, 0.3581 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, 210, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 182)  
}
```

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, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 182) }
```

Border

The CSS property to change the border of an element to Yxy 70.7306, 0.3682, 0.3581 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, 210, 182) }
```

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

```
.border{ border-color:rgb(255, 210, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7306, 0.3682, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 182) }
```

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

```
.background{ background-color: rgb(255,  
210, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor