

Converting Colors

$Y_{xy}(70.9078, 0.3581, 0.3575)$

Have a look what the booklet for
Yxy(70.9078, 0.3581, 0.3575)
contains.

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Color

Yxy(70.9078, 0.3581, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	F7D5BA
RGB	247, 213, 186
RGB Percent	97%, 84%, 73%
CMY	0.0312, 0.1647, 0.2705
CMYK	0.00, 0.14, 0.25, 0.03
HSL	27°, 79%, 85%
HSV	27°, 25%, 97%
XYZ	71.0268, 70.9078, 56.4089
YIQ	220.0880, 28.9310, -1.1890

Conversions

Conversions Part 2

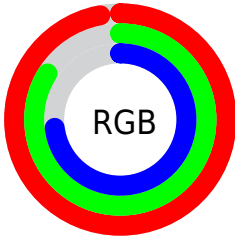
Format	Color
RYB	247, 234, 186
Decimal	16242106
CIELab	87.44, 7.87, 17.72
CIELCh	87, 19.384, 66.054
Yxy	70.9078, 0.3581, 0.3575
Android (android.graphics.Color)	4294432186 (0xFFFF7D5BA)
YUV	220.0880, -16.8054, 23.6018
Hunter-Lab	84.2068, 3.1995, 19.2272

Details

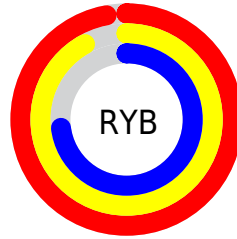
The Yxy color $70.9078, 0.3581, 0.3575$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $68.3834, 0.2737, 0.2987$, and the grayscale version is $71.7445, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.1908, 0.3203, 0.3415$, and $37.0943, 0.3690, 0.3631$ is the 20% darker color. If you saturate the color by 10%, you get $63.3070, 0.3813, 0.3697$, and if you desaturate by 10%, it is $79.2862, 0.3378, 0.3455$.

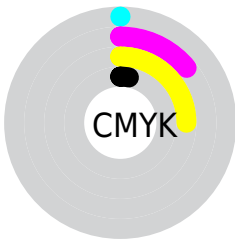
Distribution



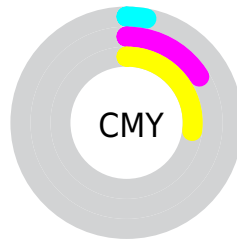
- Red (97%)
- Green (84%)
- Blue (73%)



- Red (97%)
- Yellow (92%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (3%)




- Cyan (3%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9078, 0.3581, 0.3575 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 70.9078, 0.3581, 0.3575 by changing the saturation by 10% instead.


 70.9078, 0.3581,
0.3575

 70.9078, 0.3581,
0.3575


463.7311, 0.3369,
0.3446

 52.2670, 0.3630,
0.3604


 120.5024, 0.3507,
0.3531

 37.2179, 0.3690,
0.3639


152.2250, 0.3478,
0.3513

 25.3763, 0.3767,
0.3682


189.0770, 0.3454,
0.3498

 16.3576, 0.3868,
0.3737

231.4427, 0.3432,
0.3485

 9.7776, 0.4005,
0.3809

279.7066, 0.3413,
0.3474

 5.2517, 0.4201,
0.3906

334.2530, 0.3397,

 2.3957, 0.4504,

0.3463

0.4040

395.4663, 0.3382,
0.3454

0.8237, 0.5439,
0.4561

0.0000, 0.0000,
0.0000

70.9078, 0.3581,
0.3575

70.9078, 0.3581,
0.3575

63.3070, 0.3813,
0.3697

79.2862, 0.3378,
0.3455

56.4502, 0.4074,
0.3815

88.4553, 0.3201,
0.3341

50.3152, 0.4361,
0.3920

98.1049, 0.3078,
0.3284

44.8750, 0.4664,
0.4002

98.5213, 0.3078,
0.3290

■ 40.1004, 0.4968,
0.4046

■ 35.9593, 0.5252,
0.4041

■ 32.4153, 0.5494,
0.3980

■ 30.7582, 0.5606,
0.3931

Harmonies

Analogous

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



70.9078, 0.3577, 0.3393



70.9078, 0.3581, 0.3575



70.9078, 0.3459, 0.3690

Triad

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



70.9078, 0.3581, 0.3575



70.9078, 0.2813, 0.3379



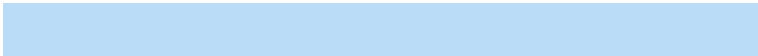
70.9078, 0.2992, 0.2918

Complementary

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



70.9078, 0.3581, 0.3575



68.3834, 0.2737, 0.2987

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.



70.9078, 0.2797, 0.2903



70.9078, 0.3581, 0.3575



70.9078, 0.2697, 0.3159

Square

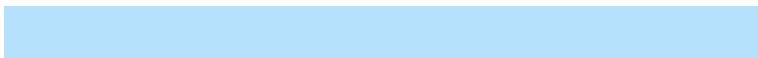
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.9078, 0.3581, 0.3575



70.9078, 0.3014, 0.3581



70.9078, 0.2692, 0.2987



70.9078, 0.3230, 0.3023

Rectangle

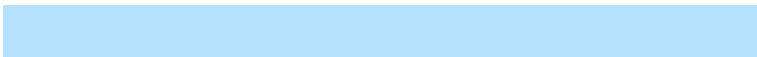
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9078, 0.3581, 0.3575



70.9078, 0.3326, 0.3708



70.9078, 0.2692, 0.2987



70.9078, 0.2919, 0.2902

Sweetspot

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



70.9110, 0.3581, 0.3575



92.7118, 0.3240, 0.3367



60.1075, 0.3360, 0.2930



19.7139, 0.3250, 0.3374



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.



70.9110, 0.3581, 0.3575



71.7372, 0.3702, 0.3640



87.4114, 0.3510, 0.3870



17.6879, 0.3283, 0.3395



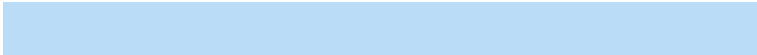
16.5339, 0.5577, 0.3954



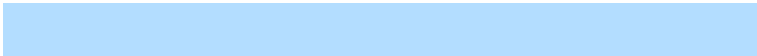
1.6545, 0.5362, 0.4125

Inverse Universe

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



68.3834, 0.2737, 0.2987



68.5568, 0.2651, 0.2911



54.0256, 0.2706, 0.2635



17.4606, 0.2980, 0.3183



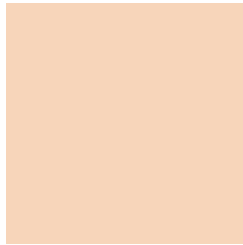
13.4272, 0.1827, 0.1775



1.3848, 0.1884, 0.1981

Previews

White Background



This preview shows how the Yxy color 70.9078, 0.3581, 0.3575 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 70.9078, 0.3581, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

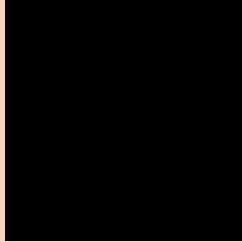
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9078, 0.3581, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 70.9078, 0.3581, 0.3575.



This preview shows how white text looks on a background with the Yxy color 70.9078, 0.3581, 0.3575.

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

70.9078, 0.3581, 0.3575

Protanopia

71.1602, 0.3415, 0.3619

Deuteranopia

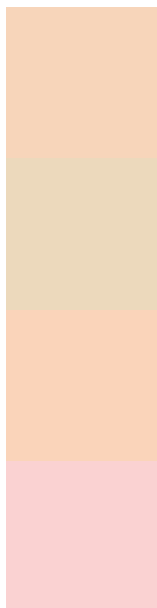
70.8291, 0.3625, 0.3551



Tritanopia

71.1890, 0.3346, 0.3128

Trichromacy



Original Color

70.9078, 0.3581, 0.3575

Protanomaly

71.0894, 0.3472, 0.3604

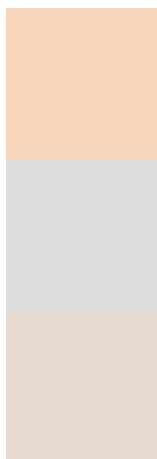
Deuteranomaly

70.9561, 0.3607, 0.3563

Tritanomaly

71.0703, 0.3431, 0.3291

Monochromacy



Original Color

70.9078, 0.3581, 0.3575

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.0028, 0.3284, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9078, 0.3581, 0.3575 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(247, 213, 186)` looks like.

```
.text, #text, p{  
    color:rgb(247, 213, 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(247, 213, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 213, 186) }
```

Border

The CSS property to change the border of an element to Yxy 70.9078, 0.3581, 0.3575 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(247, 213, 186) }
```

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

```
.border{ border-color:rgb(247, 213, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 213, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 213, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 213, 186);  
box-shadow:4px 4px 4px 4px rgb(247, 213,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9078, 0.3581, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 213, 186) }
```

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

```
.background{ background-color: rgb(247,  
213, 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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