

Converting Colors

$Y_{xy}(67.6770, 0.3574, 0.3565)$

Have a look what the booklet for
Yxy(67.6770, 0.3574, 0.3565)
contains.

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Color

Yxy(67.8971, 0.3574, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	F2D1B7
RGB	242, 209, 183
RGB Percent	95%, 82%, 72%
CMY	0.0509, 0.1804, 0.2824
CMYK	0.00, 0.14, 0.24, 0.05
HSL	26°, 69%, 83%
HSV	26°, 24%, 95%
XYZ	67.9732, 67.8971, 54.3177
YIQ	215.9030, 28.0140, -1.0900

Conversions

Conversions Part 2

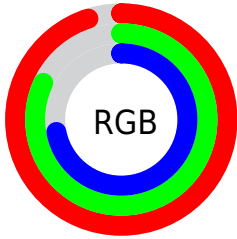
Format	Color
R_{YB}	242, 229, 183
Decimal	15913399
CIE _{Lab}	85.95, 7.67, 17.16
CIE _{LCh}	86, 18.801, 65.918
Yxy	67.8971, 0.3574, 0.3570
Android (android.graphics.Color)	4294103479 (0xFFFF2D1B7)
YUV	215.9030, -16.2212, 22.8871
Hunter-Lab	82.3997, 3.0488, 18.5960

Details

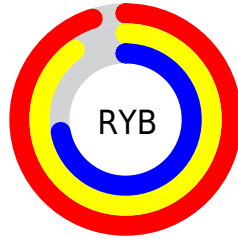
The Yxy color **67.8971, 0.3574, 0.3570** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.6064, 0.2742, 0.2992**, and the grayscale version is **68.7016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **35.3687, 0.3679, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **60.6118, 0.3805, 0.3691**, and if you desaturate by 10%, it is **75.9269, 0.3372, 0.3451**.

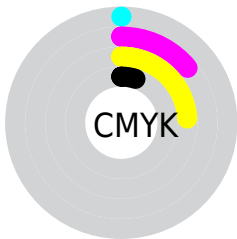
Distribution



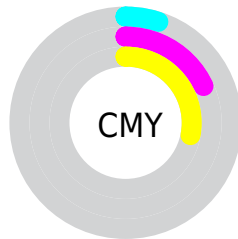
- Red (95%)
- Green (82%)
- Blue (72%)



- Red (95%)
- Yellow (90%)
- Blue (72%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8971, 0.3574, 0.3570 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 67.8971, 0.3574, 0.3570 by changing the saturation by 10% instead.

 67.8971, 0.3574,
0.3570

 67.8971, 0.3574,
0.3570


453.1314, 0.3363,
0.3442

 49.8140, 0.3623,
0.3599

 116.2049, 0.3500,
0.3526

 35.2657, 0.3684,
0.3634


147.1985, 0.3472,
0.3509

 23.8676, 0.3761,
0.3677


183.2643, 0.3447,
0.3494

 15.2354, 0.3863,
0.3733

224.7868, 0.3426,
0.3481

 8.9848, 0.4003,
0.3807

272.1503, 0.3408,
0.3469

 4.7313, 0.4206,
0.3907

325.7393, 0.3391,

 2.0905, 0.4538,

0.3459

0.4058

385.9382, 0.3377,
0.3450

0.6593, 0.5525,
0.4475

0.0000, 0.0000,
0.0000

67.8971, 0.3574,
0.3570

67.8971, 0.3574,
0.3570

60.6118, 0.3805,
0.3691

75.9269, 0.3372,
0.3451

54.0388, 0.4066,
0.3809

84.7136, 0.3196,
0.3338

48.1571, 0.4351,
0.3914

94.2421, 0.3049,
0.3237

42.9408, 0.4654,
0.3997

97.6231, 0.3048,
0.3290

■ 38.3621, 0.4959,
0.4042

■ 34.3904, 0.5245,
0.4039

■ 30.9910, 0.5490,
0.3980

■ 29.3145, 0.5608,
0.3929

Harmonies

Analogous

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



67.8971, 0.3570, 0.3391



67.8971, 0.3574, 0.3570



67.8971, 0.3455, 0.3683

Triad

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



67.8971, 0.3574, 0.3570



67.8971, 0.2819, 0.3379



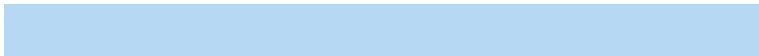
67.8971, 0.2993, 0.2923

Complementary

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



67.8971, 0.3574, 0.3570



65.6064, 0.2742, 0.2992

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.



67.8971, 0.2802, 0.2909



67.8971, 0.3574, 0.3570



67.8971, 0.2704, 0.3163

Square

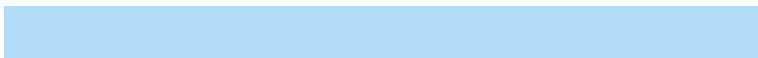
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8971, 0.3574, 0.3570



67.8971, 0.3017, 0.3577



67.8971, 0.2698, 0.2993



67.8971, 0.3227, 0.3027

Rectangle

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



67.8971, 0.3574, 0.3570



67.8971, 0.3324, 0.3701



67.8971, 0.2698, 0.2993



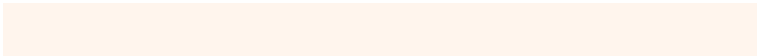
67.8971, 0.2922, 0.2908

Sweetspot

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



67.9002, 0.3574, 0.3570



92.6950, 0.3240, 0.3367



57.7281, 0.3356, 0.2935



19.7100, 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.



67.9002, 0.3574, 0.3570



72.4988, 0.3679, 0.3627



83.5071, 0.3505, 0.3862



16.9045, 0.3282, 0.3394



16.0053, 0.5580, 0.3951



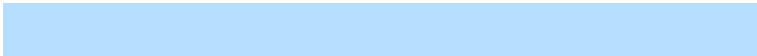
1.5265, 0.5353, 0.4131

Inverse Universe

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



65.6064, 0.2742, 0.2992



69.5216, 0.2667, 0.2926



51.9895, 0.2712, 0.2645



16.6961, 0.2980, 0.3183



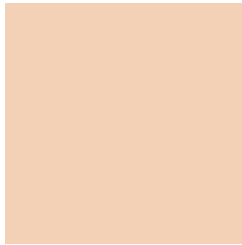
13.0925, 0.1828, 0.1782



1.2871, 0.1888, 0.1998

Previews

White Background



This preview shows how the Yxy color 67.8971, 0.3574, 0.3570 looks on a white background.

Color Contrast Check

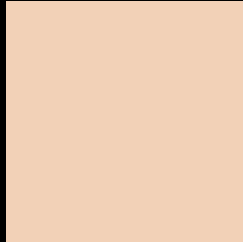
Large Text (above 18pt) WCAG AA × Fail

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 67.8971, 0.3574, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

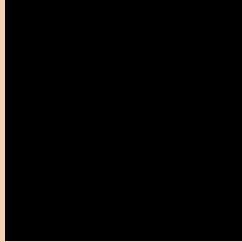
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.8971, 0.3574, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 67.8971, 0.3574, 0.3570.



This preview shows how white text looks on a background with the Yxy color 67.8971, 0.3574, 0.3570.

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

67.8971, 0.3574, 0.3570

Protanopia

68.3148, 0.3413, 0.3613

Deuteranopia

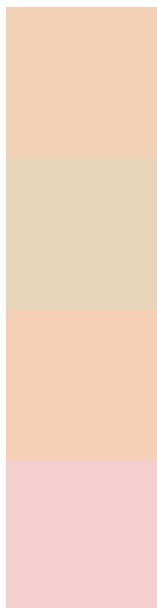
67.8187, 0.3619, 0.3546



Tritanopia

67.9459, 0.3335, 0.3124

Trichromacy



Original Color

67.8971, 0.3574, 0.3570

Protanomaly

68.2471, 0.3471, 0.3598

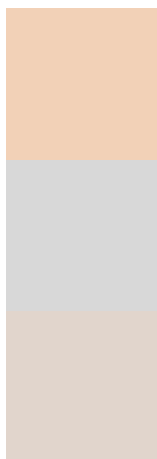
Deuteranomaly

67.9431, 0.3600, 0.3557

Tritanomaly

68.0601, 0.3422, 0.3280

Monochromacy



Original Color

67.8971, 0.3574, 0.3570

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.9557, 0.3279, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8971, 0.3574, 0.3570 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(242, 209, 183)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 183)  
}
```

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(242, 209, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 183) }
```

Border

The CSS property to change the border of an element to Yxy 67.8971, 0.3574, 0.3570 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(242, 209, 183) }
```

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

```
.border{ border-color:rgb(242, 209, 183) }
```

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

Here you see how a box with a 4 pixel rgb(242, 209, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 183);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8971, 0.3574, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 183) }
```

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

```
.background{ background-color: rgb(242,  
209, 183) }
```

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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