

Converting Colors

$Y_{xy}(74.1237, 0.3472, 0.3570)$

Have a look what the booklet for
Yxy(74.1237, 0.3472, 0.3570)
contains.

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Color

Yxy(73.9587, 0.3469, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	F2DCC2
RGB	242, 220, 194
RGB Percent	95%, 86%, 76%
CMY	0.0507, 0.1373, 0.2391
CMYK	0.00, 0.09, 0.20, 0.05
HSL	32°, 65%, 86%
HSV	32°, 20%, 95%
XYZ	71.9671, 73.9587, 61.5320
YIQ	223.6140, 21.4580, -3.4220

Conversions

Conversions Part 2

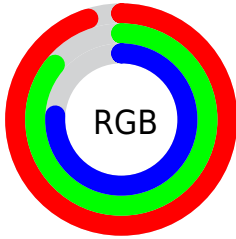
Format	Color
RYB	235, 242, 194
Decimal	15916226
CIELab	88.90, 3.56, 15.51
CIELCh	89, 15.917, 77.091
Yxy	73.9587, 0.3469, 0.3565
Android (android.graphics.Color)	4294106306 (0xFFFF2DCC2)
YUV	223.6140, -14.5997, 16.1245
Hunter-Lab	85.9992, -1.1238, 17.7778

Details

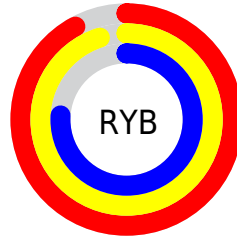
The Yxy color **73.9587, 0.3469, 0.3565** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0516, 0.2812, 0.2999**, and the grayscale version is **74.3539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **39.1180, 0.3548, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **67.3145, 0.3674, 0.3711**, and if you desaturate by 10%, it is **81.1754, 0.3286, 0.3423**.

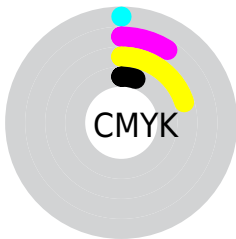
Distribution



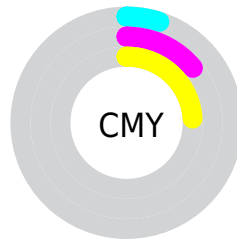
- Red (95%)
- Green (86%)
- Blue (76%)



- Red (92%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (5%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9587, 0.3469, 0.3565 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 73.9587, 0.3469, 0.3565 by changing the saturation by 10% instead.

 73.9587, 0.3469,
0.3565

 73.9587, 0.3469,
0.3565


474.3308, 0.3311,
0.3439

 54.7602, 0.3505,
0.3593


 124.8373, 0.3414,
0.3522

 39.2098, 0.3550,
0.3628

157.2861, 0.3393,
0.3505

 26.9230, 0.3606,
0.3671


194.9206, 0.3374,
0.3490

 17.5154, 0.3679,
0.3727

238.1251, 0.3358,
0.3478

 10.6026, 0.3779,
0.3802

287.2840, 0.3344,
0.3466

 5.8003, 0.3920,
0.3906

342.7816, 0.3332,

 2.7240, 0.4136,

0.3456

0.4057

405.0024, 0.3321,
0.3447

■ 0.9894, 0.5117,
0.4883

■ 0.0000, 0.0000,
0.0000

■ 73.9587, 0.3469,
0.3565

■ 73.9587, 0.3469,
0.3565

■ 67.3145, 0.3674,
0.3711

■ 81.1754, 0.3286,
0.3423

■ 61.2168, 0.3902,
0.3857

■ 88.9700, 0.3125,
0.3288

■ 55.6519, 0.4147,
0.3993

■ 96.5877, 0.3048,
0.3274

■ 50.6017, 0.4405,
0.4111

■ 97.6290, 0.3048,
0.3290

■ 46.0466, 0.4665,
0.4197

■ 41.9650, 0.4911,
0.4239

■ 38.3327, 0.5128,
0.4227

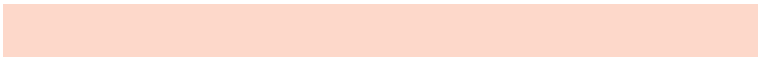
■ 35.1149, 0.5309,
0.4165

■ 35.0689, 0.5312,
0.4164

Harmonies

Analogous

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



73.9587, 0.3504, 0.3434



73.9587, 0.3469, 0.3565



73.9587, 0.3341, 0.3626

Triad

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



73.9587, 0.3469, 0.3565



73.9587, 0.2828, 0.3297



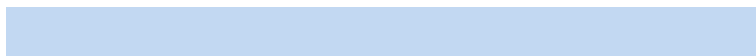
73.9587, 0.3088, 0.3010

Complementary

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



73.9587, 0.3469, 0.3565



67.0516, 0.2812, 0.2999

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.



73.9587, 0.2911, 0.2969



73.9587, 0.3469, 0.3565



73.9587, 0.2764, 0.3128

Square

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



73.9587, 0.3469, 0.3565



73.9587, 0.2970, 0.3470



73.9587, 0.2794, 0.3010



73.9587, 0.3280, 0.3119

Rectangle

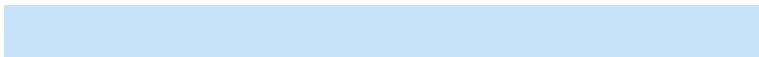
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9587, 0.3469, 0.3565



73.9587, 0.3221, 0.3615



73.9587, 0.2794, 0.3010



73.9587, 0.3025, 0.2988

Sweetspot

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



73.9620, 0.3469, 0.3565



94.6483, 0.3222, 0.3370



62.4621, 0.3343, 0.3053



20.1370, 0.3233, 0.3379



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.



73.9620, 0.3469, 0.3565



80.0133, 0.3553, 0.3626



86.0463, 0.3415, 0.3787



17.1739, 0.3280, 0.3418



19.1047, 0.5288, 0.4183



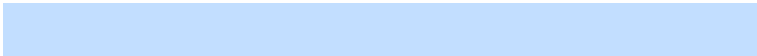
1.7882, 0.5105, 0.4329

Inverse Universe

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



67.0516, 0.2812, 0.2999



70.8681, 0.2742, 0.2928



56.6922, 0.2807, 0.2744



16.4259, 0.2980, 0.3159



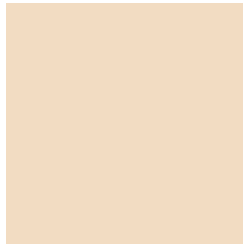
9.8452, 0.1735, 0.1447



1.0158, 0.1805, 0.1696

Previews

White Background



This preview shows how the Yxy color 73.9587, 0.3469, 0.3565 looks on a white background.

Color Contrast Check

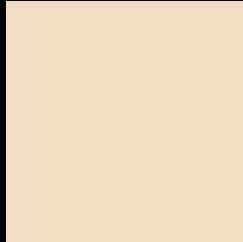
Large Text (above 18pt) WCAG AA × Fail

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 73.9587, 0.3469, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

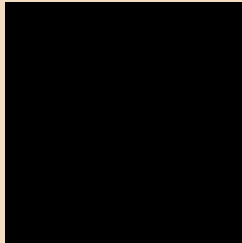
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9587, 0.3469, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 73.9587, 0.3469, 0.3565.

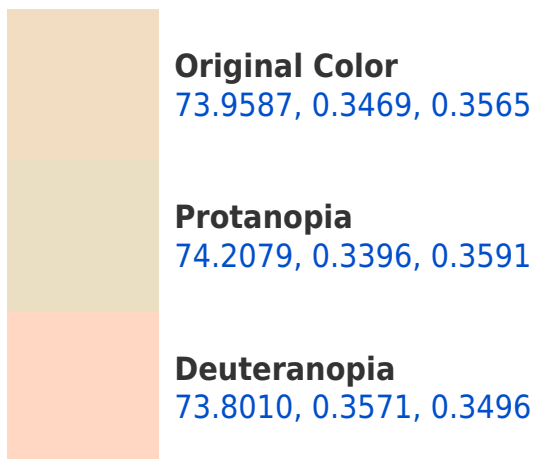


This preview shows how white text looks on a background with the Yxy color 73.9587, 0.3469, 0.3565.

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

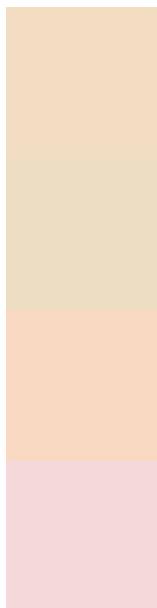




Tritanopia

74.1446, 0.3251, 0.3127

Trichromacy



Original Color

73.9587, 0.3469, 0.3565

Protanomaly

74.1872, 0.3420, 0.3579

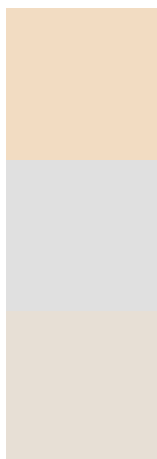
Deuteranomaly

73.8898, 0.3529, 0.3519

Tritanomaly

74.1001, 0.3326, 0.3280

Monochromacy



Original Color

73.9587, 0.3469, 0.3565

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.5684, 0.3251, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9587, 0.3469, 0.3565 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, 220, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 220, 194)  
}
```

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, 220, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 220, 194) }
```

Border

The CSS property to change the border of an element to Yxy 73.9587, 0.3469, 0.3565 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, 220, 194) }
```

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

```
.border{ border-color:rgb(242, 220, 194) }
```

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

Here you see how a box with a 4 pixel rgb(242, 220, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 220, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 220, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 220,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9587, 0.3469, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 220, 194) }
```

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

```
.background{ background-color: rgb(242,  
220, 194) }
```

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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