

Converting Colors

Yxy(68.9952, 0.3572, 0.3580)

Have a look what the booklet for
Yxy(68.9952, 0.3572, 0.3580)
contains.

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Color

Yxy(69.1039, 0.3569, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	F3D3B8
RGB	243, 211, 184
RGB Percent	95%, 83%, 72%
CMY	0.0470, 0.1725, 0.2783
CMYK	0.00, 0.13, 0.24, 0.05
HSL	27°, 71%, 84%
HSV	27°, 24%, 95%
XYZ	68.9108, 69.1039, 55.0669
YIQ	217.4900, 27.7390, -1.6130

Conversions

Conversions Part 2

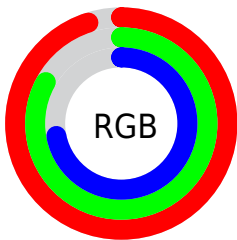
Format	Color
R _Y B	243, 234, 184
Decimal	15979448
CIE Lab	86.56, 7.13, 17.47
CIE LCh	87, 18.873, 67.804
Yxy	69.1039, 0.3569, 0.3579
Android (android.graphics.Color)	4294169528 (0xFFFF3D3B8)
YUV	217.4900, -16.5106, 22.3723
Hunter-Lab	83.1288, 2.4949, 18.9147

Details

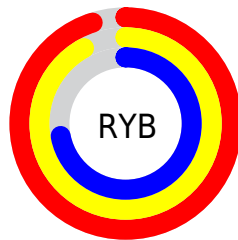
The Yxy color **69.1039, 0.3569, 0.3579** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7896, 0.2743, 0.2982**, and the grayscale version is **69.8462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **36.1917, 0.3672, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **61.8888, 0.3797, 0.3705**, and if you desaturate by 10%, it is **77.0377, 0.3369, 0.3456**.

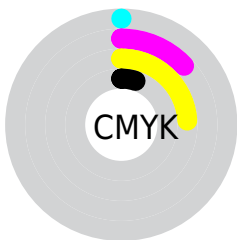
Distribution



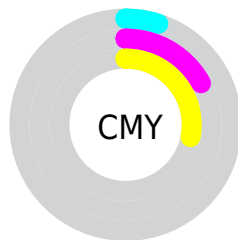
- Red (95%)
- Green (83%)
- Blue (72%)



- Red (95%)
- Yellow (92%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1039, 0.3569, 0.3579 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 69.1039, 0.3569, 0.3579 by changing the saturation by 10% instead.


 69.1039, 0.3569,
0.3579

 69.1039, 0.3569,
0.3579


457.3973, 0.3362,
0.3447

 50.7963, 0.3617,
0.3609


 117.9300, 0.3497,
0.3534

 36.0465, 0.3677,
0.3645


149.2172, 0.3468,
0.3516

 24.4701, 0.3752,
0.3690


185.5999, 0.3444,
0.3501

 15.6827, 0.3852,
0.3747

227.4623, 0.3423,
0.3487

 9.2999, 0.3988,
0.3823

275.1888, 0.3405,
0.3475

 4.9373, 0.4184,
0.3926

329.1639, 0.3389,

 2.2105, 0.4496,

0.3465

0.4077

389.7720, 0.3374,
0.3456

0.7257, 0.5435,
0.4565

0.0000, 0.0000,
0.0000

69.1039, 0.3569,
0.3579

69.1039, 0.3569,
0.3579

61.8888, 0.3797,
0.3705

77.0377, 0.3369,
0.3456

55.3612, 0.4053,
0.3827

85.7015, 0.3194,
0.3338

49.5012, 0.4333,
0.3937

94.9935, 0.3054,
0.3247

44.2842, 0.4629,
0.4023

97.7952, 0.3054,
0.3290

■ 39.6837, 0.4925,
0.4073

■ 35.6704, 0.5203,
0.4074

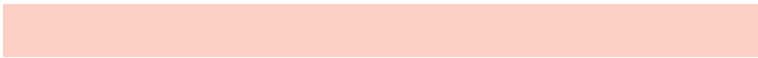
■ 32.2112, 0.5441,
0.4019

■ 30.4579, 0.5559,
0.3968

Harmonies

Analogous

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



69.1039, 0.3573, 0.3403



69.1039, 0.3569, 0.3579



69.1039, 0.3443, 0.3686

Triad

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



69.1039, 0.3569, 0.3579



69.1039, 0.2809, 0.3365



69.1039, 0.3007, 0.2928

Complementary

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



69.1039, 0.3569, 0.3579



65.7896, 0.2743, 0.2982

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.



69.1039, 0.2812, 0.2908



69.1039, 0.3569, 0.3579



69.1039, 0.2701, 0.3150

Square

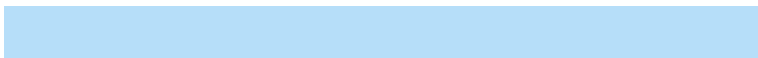
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1039, 0.3569, 0.3579



69.1039, 0.3003, 0.3566



69.1039, 0.2702, 0.2985



69.1039, 0.3242, 0.3036

Rectangle

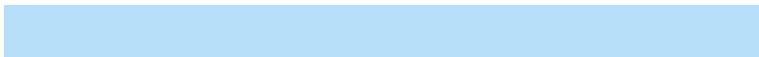
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1039, 0.3569, 0.3579



69.1039, 0.3310, 0.3699



69.1039, 0.2702, 0.2985



69.1039, 0.2935, 0.2911

Sweetspot

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



69.1070, 0.3569, 0.3579



92.8787, 0.3240, 0.3370



58.3287, 0.3363, 0.2947



19.7526, 0.3250, 0.3377



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.



69.1070, 0.3569, 0.3579



73.1361, 0.3675, 0.3639



84.8691, 0.3501, 0.3869



17.7314, 0.3282, 0.3399



16.9784, 0.5532, 0.3989



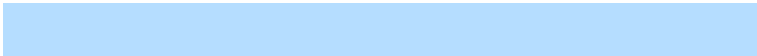
1.6951, 0.5322, 0.4156

Inverse Universe

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



65.7896, 0.2743, 0.2982



68.8545, 0.2665, 0.2912



52.1945, 0.2714, 0.2637



17.4166, 0.2980, 0.3179



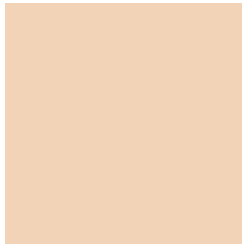
12.8591, 0.1812, 0.1721



1.3356, 0.1871, 0.1934

Previews

White Background



This preview shows how the Yxy color 69.1039, 0.3569, 0.3579 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 69.1039, 0.3569, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

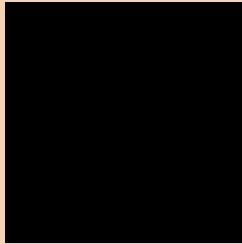
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1039, 0.3569, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 69.1039, 0.3569, 0.3579.



This preview shows how white text looks on a background with the Yxy color 69.1039, 0.3569, 0.3579.

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

69.1039, 0.3569, 0.3579

Protanopia

69.1936, 0.3419, 0.3611

Deuteranopia

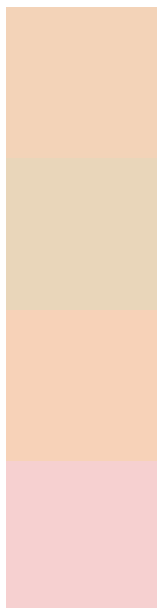
69.2014, 0.3622, 0.3554



Tritanopia

69.3730, 0.3333, 0.3126

Trichromacy



Original Color

69.1039, 0.3569, 0.3579

Protanomaly

68.9619, 0.3469, 0.3597

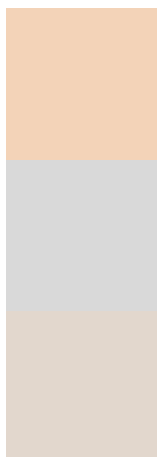
Deuteranomaly

69.3280, 0.3603, 0.3566

Tritanomaly

69.2586, 0.3419, 0.3291

Monochromacy



Original Color

69.1039, 0.3569, 0.3579

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.1774, 0.3278, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1039, 0.3569, 0.3579 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(243, 211, 184)` looks like.

```
.text, #text, p{  
    color:rgb(243, 211, 184)  
}
```

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(243, 211, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 211, 184) }
```

Border

The CSS property to change the border of an element to Yxy 69.1039, 0.3569, 0.3579 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(243, 211, 184) }
```

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

```
.border{ border-color:rgb(243, 211, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 211, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 211, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 211, 184);  
box-shadow:4px 4px 4px 4px rgb(243, 211,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1039, 0.3569, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 211, 184) }
```

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

```
.background{ background-color: rgb(243,  
211, 184) }
```

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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