

Converting Colors

$Yxy(69.5872, 0.3593, 0.3629)$

Have a look what the booklet for
Yxy(69.5872, 0.3593, 0.3629)
contains.

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Color

Yxy(69.4778, 0.3589, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	F3D4B5
RGB	243, 212, 181
RGB Percent	95%, 83%, 71%
CMY	0.0471, 0.1686, 0.2902
CMYK	0.00, 0.13, 0.26, 0.05
HSL	30°, 72%, 83%
HSV	30°, 26%, 95%
XYZ	68.8448, 69.4778, 53.4991
YIQ	217.7350, 28.4270, -3.0690

Conversions

Conversions Part 2

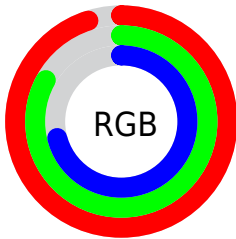
Format	Color
R _Y B	243, 243, 181
Decimal	15979701
CIE Lab	86.74, 6.19, 19.32
CIE LCh	87, 20.287, 72.233
Yxy	69.4778, 0.3589, 0.3622
Android (android.graphics.Color)	4294169781 (0xFFFF3D4B5)
YUV	217.7350, -18.1104, 22.1574
Hunter-Lab	83.3533, 1.5618, 20.2930

Details

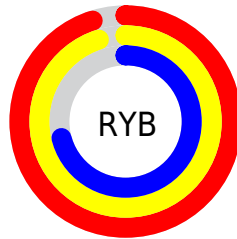
The Yxy color **69.4778, 0.3589, 0.3622** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.3771, 0.2720, 0.2933**, and the grayscale version is **70.0329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **36.1116, 0.3702, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **62.7224, 0.3814, 0.3758**, and if you desaturate by 10%, it is **76.8704, 0.3389, 0.3487**.

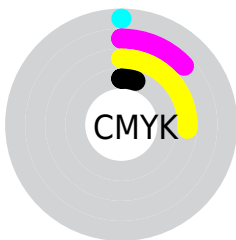
Distribution



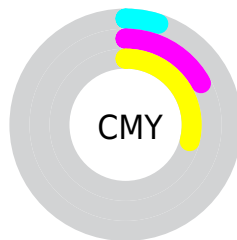
- Red (95%)
- Green (83%)
- Blue (71%)



- Red (95%)
- Yellow (95%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (5%)



- Cyan (5%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4778, 0.3589, 0.3622 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 69.4778, 0.3589, 0.3622 by changing the saturation by 10% instead.

 69.4778, 0.3589,
0.3622

 69.4778, 0.3589,
0.3622

458.7143, 0.3373,
0.3470

 51.1009, 0.3639,
0.3656


 118.4638, 0.3514,
0.3570

 36.2889, 0.3701,
0.3698


149.8416, 0.3484,
0.3549

 24.6574, 0.3779,
0.3749


186.3220, 0.3459,
0.3532

 15.8220, 0.3882,
0.3816

228.2892, 0.3437,
0.3516

 9.3983, 0.4021,
0.3903

276.1276, 0.3418,
0.3503

 5.0019, 0.4220,
0.4021

330.2217, 0.3401,

 2.2484, 0.4547,

0.3491

0.4205

390.9558, 0.3386,
0.3480

0.7462, 0.5356,
0.4644

0.0000, 0.0000,
0.0000

69.4778, 0.3589,
0.3622

69.4778, 0.3589,
0.3622

62.7224, 0.3814,
0.3758

76.8704, 0.3389,
0.3487

56.5757, 0.4062,
0.3890

84.9087, 0.3214,
0.3358

51.0206, 0.4330,
0.4008

93.6131, 0.3061,
0.3237

46.0355, 0.4607,
0.4101

97.7937, 0.3054,
0.3290

■ 41.5970, 0.4881,
0.4154

■ 37.6792, 0.5133,
0.4158

■ 34.2522, 0.5346,
0.4105

■ 32.8580, 0.5432,
0.4069

Harmonies

Analogous

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



69.4778, 0.3614, 0.3440



69.4778, 0.3589, 0.3622



69.4778, 0.3437, 0.3723

Triad

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



69.4778, 0.3589, 0.3622



69.4778, 0.2763, 0.3335



69.4778, 0.3034, 0.2915

Complementary

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



69.4778, 0.3589, 0.3622



63.3771, 0.2720, 0.2933

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.



69.4778, 0.2815, 0.2877



69.4778, 0.3589, 0.3622



69.4778, 0.2664, 0.3108

Square

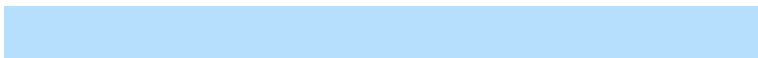
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4778, 0.3589, 0.3622



69.4778, 0.2959, 0.3559



69.4778, 0.2683, 0.2944



69.4778, 0.3286, 0.3042

Rectangle

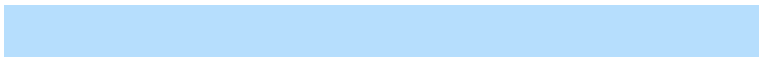
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4778, 0.3589, 0.3622



69.4778, 0.3287, 0.3725



69.4778, 0.2683, 0.2944



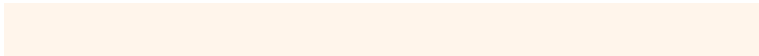
69.4778, 0.2954, 0.2891

Sweetspot

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



69.4810, 0.3589, 0.3622



92.4207, 0.3256, 0.3390



56.8563, 0.3404, 0.2961



19.4882, 0.3282, 0.3409



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.



69.4810, 0.3589, 0.3622



73.2414, 0.3711, 0.3698



86.4881, 0.3513, 0.3928



17.8519, 0.3281, 0.3409



18.3044, 0.5407, 0.4088



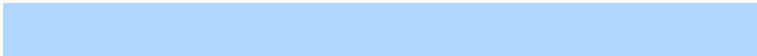
1.8143, 0.5215, 0.4242

Inverse Universe

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



63.3771, 0.2720, 0.2933



65.2817, 0.2628, 0.2842



49.3441, 0.2686, 0.2561



17.2954, 0.2980, 0.3169



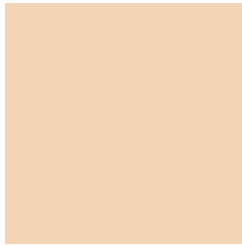
11.3888, 0.1771, 0.1576



1.2065, 0.1834, 0.1803

Previews

White Background



This preview shows how the Yxy color 69.4778, 0.3589, 0.3622 looks on a white background.

Color Contrast Check

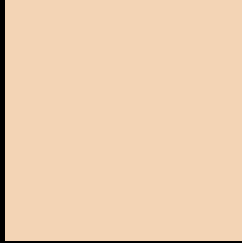
Large Text (above 18pt) WCAG AA × Fail

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 69.4778, 0.3589, 0.3622 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 69.4778, 0.3589, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 69.4778, 0.3589, 0.3622.



This preview shows how white text looks on a background with the Yxy color 69.4778, 0.3589, 0.3622.

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

69.4778, 0.3589, 0.3622

Protanopia

69.7026, 0.3453, 0.3665

Deuteranopia

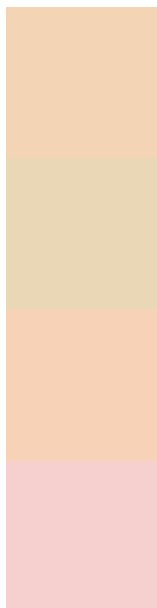
69.4876, 0.3653, 0.3574



Tritanopia

69.3730, 0.3333, 0.3126

Trichromacy



Original Color

69.4778, 0.3589, 0.3622

Protanomaly

69.4707, 0.3504, 0.3651

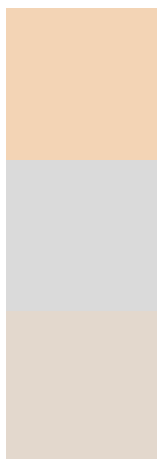
Deuteranomaly

69.4270, 0.3626, 0.3586

Tritanomaly

69.2096, 0.3426, 0.3301

Monochromacy



Original Color

69.4778, 0.3589, 0.3622

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.8504, 0.3284, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4778, 0.3589, 0.3622 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, 212, 181)` looks like.

```
.text, #text, p{  
    color:rgb(243, 212, 181)  
}
```

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, 212, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 212, 181) }
```

Border

The CSS property to change the border of an element to Yxy 69.4778, 0.3589, 0.3622 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, 212, 181) }
```

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

```
.border{ border-color:rgb(243, 212, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 212, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 212, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 212, 181);  
box-shadow:4px 4px 4px 4px rgb(243, 212,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4778, 0.3589, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 212, 181) }
```

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

```
.background{ background-color: rgb(243,  
212, 181) }
```

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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