

Converting Colors

Yxy(69.5893, 0.3449, 0.3418)

Have a look what the booklet for
Yxy(69.5893, 0.3449, 0.3418)
contains.

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Color

Yxy(69.5893, 0.3449, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	F2D3C7
RGB	242, 211, 199
RGB Percent	95%, 83%, 78%
CMY	0.0510, 0.1725, 0.2195
CMYK	0.00, 0.13, 0.18, 0.05
HSL	17°, 62%, 86%
HSV	17°, 18%, 95%
XYZ	70.2204, 69.5893, 63.7868
YIQ	218.9010, 22.3280, 2.8400

Conversions

Conversions Part 2

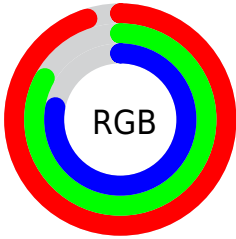
Format	Color
R _Y B	242, 216, 199
Decimal	15913927
CIE Lab	86.80, 8.92, 9.88
CIE LCh	87, 13.318, 47.922
Yxy	69.5893, 0.3449, 0.3418
Android (android.graphics.Color)	4294104007 (0xFFFF2D3C7)
YUV	218.9010, -9.8112, 20.2578
Hunter-Lab	83.4202, 4.2702, 13.0584

Details

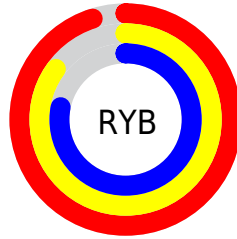
The Yxy color **69.5893, 0.3449, 0.3418** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1598, 0.2853, 0.3158**, and the grayscale version is **70.8263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1356, 0.3526, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **60.3486, 0.3680, 0.3495**, and if you desaturate by 10%, it is **79.9567, 0.3255, 0.3344**.

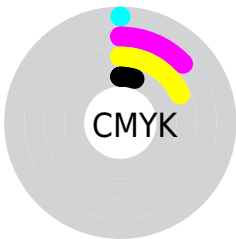
Distribution



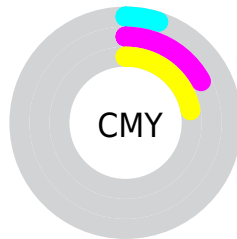
- Red (95%)
- Green (83%)
- Blue (78%)



- Red (95%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5893, 0.3449, 0.3418 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 69.5893, 0.3449, 0.3418 by changing the saturation by 10% instead.


 69.5893, 0.3449,
0.3418

 69.5893, 0.3449,
0.3418


459.1066, 0.3298,
0.3360

 51.1918, 0.3484,
0.3431


118.6229, 0.3396,
0.3398

 36.3613, 0.3528,
0.3446


150.0277, 0.3376,
0.3390

 24.7133, 0.3583,
0.3466


186.5372, 0.3358,
0.3384

 15.8636, 0.3657,
0.3491

228.5356, 0.3343,
0.3378

 9.4277, 0.3759,
0.3524

276.4073, 0.3330,
0.3373

 5.0212, 0.3908,
0.3568

330.5368, 0.3318,

 2.2597, 0.4147,

0.3368

0.3631

391.3085, 0.3307,
0.3364

0.7523, 0.5154,
0.4141

0.0000, 0.0000,
0.0000

69.5893, 0.3449,
0.3418

69.5893, 0.3449,
0.3418

60.3486, 0.3680,
0.3495

79.9567, 0.3255,
0.3344

52.1869, 0.3951,
0.3573

91.4779, 0.3093,
0.3275

45.0667, 0.4267,
0.3646

97.6145, 0.3047,
0.3290

38.9447, 0.4621,
0.3705

■ 33.7745, 0.5002,
0.3741

■ 29.5057, 0.5382,
0.3740

■ 26.0826, 0.5723,
0.3695

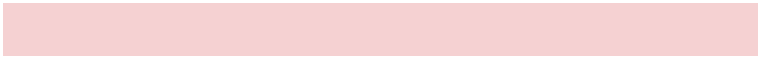
■ 23.4406, 0.5989,
0.3607

■ 22.9415, 0.6040,
0.3586

Harmonies

Analogous

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



69.5893, 0.3392, 0.3279



69.5893, 0.3449, 0.3418



69.5893, 0.3417, 0.3528

Triad

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



69.5893, 0.3449, 0.3418



69.5893, 0.2989, 0.3440



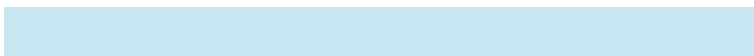
69.5893, 0.2946, 0.3015

Complementary

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



69.5893, 0.3449, 0.3418



75.1598, 0.2853, 0.3158

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.



69.5893, 0.2844, 0.3049



69.5893, 0.3449, 0.3418



69.5893, 0.2868, 0.3292

Square

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



69.5893, 0.3449, 0.3418



69.5893, 0.3149, 0.3545



69.5893, 0.2816, 0.3149



69.5893, 0.3099, 0.3051

Rectangle

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



69.5893, 0.3449, 0.3418



69.5893, 0.3350, 0.3569



69.5893, 0.2816, 0.3149



69.5893, 0.2905, 0.3019

Sweetspot

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



69.5924, 0.3449, 0.3418



93.4778, 0.3208, 0.3325



65.4826, 0.3231, 0.2963



19.8176, 0.3220, 0.3330



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.



69.5924, 0.3449, 0.3418



74.8020, 0.3521, 0.3443



80.6929, 0.3412, 0.3633



16.4759, 0.3286, 0.3356



12.5235, 0.6012, 0.3609



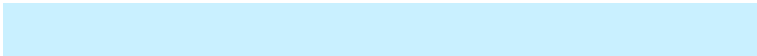
1.2035, 0.5755, 0.3813

Inverse Universe

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



75.1598, 0.2853, 0.3158



82.0647, 0.2802, 0.3131



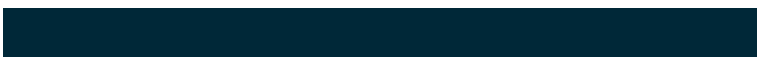
64.1877, 0.2841, 0.2922



17.1408, 0.2981, 0.3223



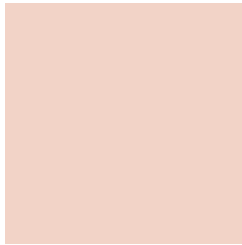
20.0636, 0.1988, 0.2358



1.8356, 0.2027, 0.2495

Previews

White Background



This preview shows how the Yxy color 69.5893, 0.3449, 0.3418 looks on a white background.

Color Contrast Check

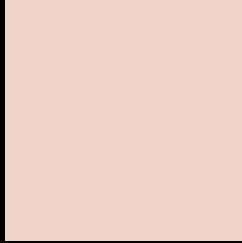
Large Text (above 18pt) WCAG AA × Fail

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 69.5893, 0.3449, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

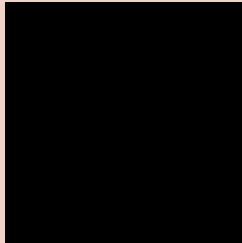
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5893, 0.3449, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 69.5893, 0.3449, 0.3418.



This preview shows how white text looks on a background with the Yxy color 69.5893, 0.3449, 0.3418.

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

69.5893, 0.3449, 0.3418

Protanopia

69.8975, 0.3289, 0.3455

Deuteranopia

69.6292, 0.3475, 0.3407



Tritanopia

69.4199, 0.3294, 0.3114

Trichromacy



Original Color

69.5893, 0.3449, 0.3418

Protanomaly

69.8068, 0.3344, 0.3443

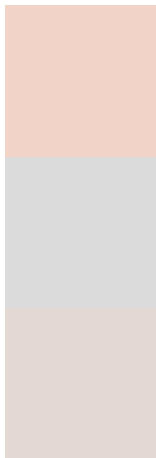
Deuteranomaly

69.4498, 0.3467, 0.3407

Tritanomaly

69.2511, 0.3351, 0.3217

Monochromacy



Original Color

69.5893, 0.3449, 0.3418

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.1961, 0.3235, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5893, 0.3449, 0.3418 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, 211, 199)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 199)  
}
```

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, 211, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 199) }
```

Border

The CSS property to change the border of an element to Yxy 69.5893, 0.3449, 0.3418 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, 211, 199) }
```

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

```
.border{ border-color:rgb(242, 211, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 211, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 199);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5893, 0.3449, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 199) }
```

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

```
.background{ background-color: rgb(242,  
211, 199) }
```

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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