

Converting Colors

$Y_{xy}(70.5098, 0.3497, 0.3429)$

Have a look what the booklet for
Yxy(70.5098, 0.3497, 0.3429)
contains.

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Color

Yxy(70.4399, 0.3496, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	F7D3C6
RGB	247, 211, 198
RGB Percent	97%, 83%, 78%
CMY	0.0312, 0.1726, 0.2235
CMYK	0.00, 0.15, 0.20, 0.03
HSL	16°, 75%, 87%
HSV	16°, 20%, 97%
XYZ	71.8582, 70.4399, 63.2459
YIQ	220.2820, 25.6290, 3.5890

Conversions

Conversions Part 2

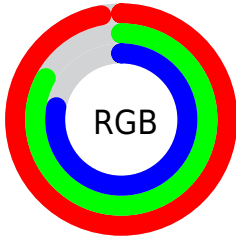
Format	Color
R _Y B	247, 216, 198
Decimal	16241606
CIE Lab	87.21, 10.61, 11.08
CIE LCh	87, 15.342, 46.227
Yxy	70.4399, 0.3496, 0.3427
Android (android.graphics.Color)	4294431686 (0xFFFF7D3C6)
YUV	220.2820, -10.9850, 23.4317
Hunter-Lab	83.9285, 5.9539, 14.0709

Details

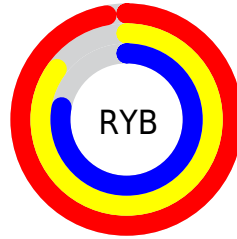
The Yxy color **70.4399, 0.3496, 0.3427** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6151, 0.2821, 0.3149**, and the grayscale version is **71.8475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7377, 0.3588, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **60.8716, 0.3737, 0.3501**, and if you desaturate by 10%, it is **81.2209, 0.3294, 0.3356**.

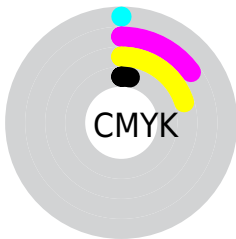
Distribution



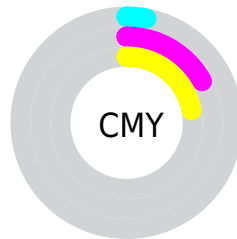
- Red (97%)
- Green (83%)
- Blue (78%)



- Red (97%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4399, 0.3496, 0.3427 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 70.4399, 0.3496, 0.3427 by changing the saturation by 10% instead.


 70.4399, 0.3496,
0.3427

 70.4399, 0.3496,
0.3427


462.0931, 0.3323,
0.3366

 51.8852, 0.3536,
0.3440


119.8359, 0.3436,
0.3406

 36.9136, 0.3586,
0.3457


151.4460, 0.3412,
0.3398

 25.1406, 0.3649,
0.3477


188.1767, 0.3392,
0.3391

 16.1818, 0.3733,
0.3502

230.4124, 0.3375,
0.3385

 9.6529, 0.3848,
0.3535

278.5375, 0.3359,
0.3379

 5.1694, 0.4017,
0.3579

332.9364, 0.3346,

 2.3470, 0.4285,

0.3374

0.3637

393.9934, 0.3334,
0.3370

0.7984, 0.5357,
0.4150

0.0000, 0.0000,
0.0000

70.4399, 0.3496,
0.3427

70.4399, 0.3496,
0.3427

60.8716, 0.3737,
0.3501

81.2209, 0.3294,
0.3356

52.4636, 0.4022,
0.3574

93.2456, 0.3125,
0.3289

45.1737, 0.4351,
0.3641

98.5222, 0.3078,
0.3290

38.9534, 0.4719,
0.3693

■ 33.7506, 0.5109,
0.3719

■ 29.5082, 0.5490,
0.3708

■ 26.1631, 0.5821,
0.3652

■ 23.6369, 0.6071,
0.3560

■ 23.6034, 0.6074,
0.3559

Harmonies

Analogous

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



70.4399, 0.3425, 0.3268



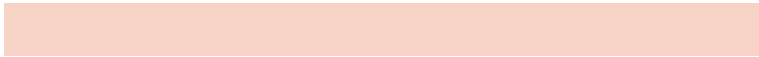
70.4399, 0.3496, 0.3427



70.4399, 0.3464, 0.3557

Triad

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



70.4399, 0.3496, 0.3427



70.4399, 0.2978, 0.3471



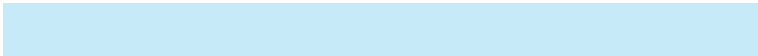
70.4399, 0.2911, 0.2976

Complementary

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



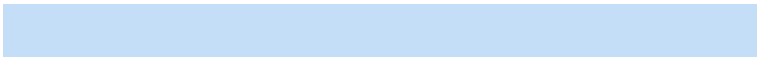
70.4399, 0.3496, 0.3427



77.6151, 0.2821, 0.3149

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.



70.4399, 0.2799, 0.3018



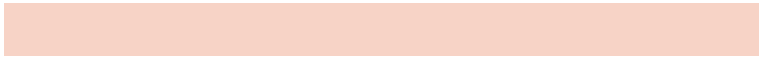
70.4399, 0.3496, 0.3427



70.4399, 0.2837, 0.3302

Square

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



70.4399, 0.3496, 0.3427



70.4399, 0.3162, 0.3589



70.4399, 0.2772, 0.3136



70.4399, 0.3083, 0.3013

Rectangle

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



70.4399, 0.3496, 0.3427



70.4399, 0.3390, 0.3607



70.4399, 0.2772, 0.3136



70.4399, 0.2865, 0.2981

Sweetspot

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



70.4431, 0.3496, 0.3427



92.0829, 0.3225, 0.3330



66.1652, 0.3239, 0.2914



19.5314, 0.3237, 0.3334



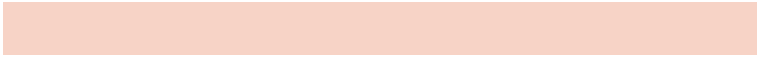
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4431, 0.3496, 0.3427



71.2342, 0.3592, 0.3458



83.1557, 0.3450, 0.3667



17.1954, 0.3287, 0.3353



12.6750, 0.6046, 0.3582



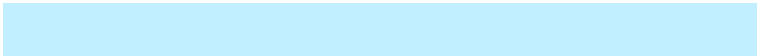
1.2755, 0.5803, 0.3774

Inverse Universe

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



77.6151, 0.2821, 0.3149



80.2849, 0.2757, 0.3115



64.9560, 0.2804, 0.2882



17.9726, 0.2980, 0.3226



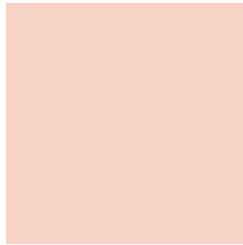
21.4163, 0.2002, 0.2407



2.0497, 0.2037, 0.2531

Previews

White Background



This preview shows how the Yxy color 70.4399, 0.3496, 0.3427 looks on a white background.

Color Contrast Check

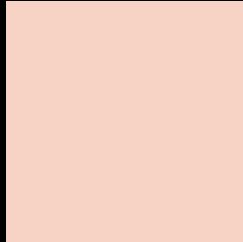
Large Text (above 18pt) WCAG AA × Fail

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 70.4399, 0.3496, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

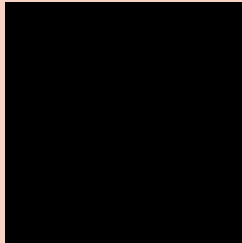
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4399, 0.3496, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 70.4399, 0.3496, 0.3427.

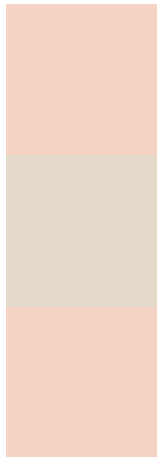


This preview shows how white text looks on a background with the Yxy color 70.4399, 0.3496, 0.3427.

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

70.4399, 0.3496, 0.3427

Protanopia

70.7380, 0.3302, 0.3465

Deuteranopia

70.4399, 0.3496, 0.3427



Tritanopia

70.2774, 0.3339, 0.3127

Trichromacy



Original Color

70.4399, 0.3496, 0.3427

Protanomaly

70.3103, 0.3367, 0.3442

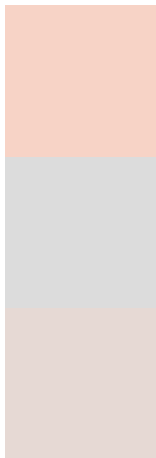
Deuteranomaly

70.4399, 0.3496, 0.3427

Tritanomaly

70.1065, 0.3397, 0.3229

Monochromacy



Original Color

70.4399, 0.3496, 0.3427

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.2022, 0.3256, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4399, 0.3496, 0.3427 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(247, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(247, 211, 198)  
}
```

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(247, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 211, 198) }
```

Border

The CSS property to change the border of an element to Yxy 70.4399, 0.3496, 0.3427 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(247, 211, 198) }
```

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

```
.border{ border-color:rgb(247, 211, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(247, 211,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4399, 0.3496, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 211, 198) }
```

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

```
.background{ background-color: rgb(247,  
211, 198) }
```

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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