

Converting Colors

$Yxy(71.9256, 0.3423, 0.3421)$

Have a look what the booklet for
Yxy(71.9256, 0.3423, 0.3421)
contains.

Yxy(71.9674, 0.3421, 0.3417)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.9674, 0.3421, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	F3D7CB
RGB	243, 215, 203
RGB Percent	95%, 84%, 80%
CMY	0.0469, 0.1569, 0.2039
CMYK	0.00, 0.12, 0.16, 0.05
HSL	18°, 63%, 87%
HSV	18°, 16%, 95%
XYZ	72.0516, 71.9674, 66.5967
YIQ	222.0040, 20.5400, 2.2040

Conversions

Conversions Part 2

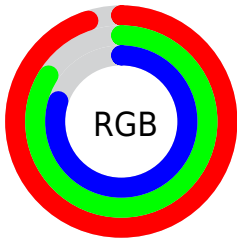
Format	Color
R _Y B	243, 220, 203
Decimal	15980491
CIE Lab	87.95, 7.83, 9.46
CIE LCh	88, 12.279, 50.385
Yxy	71.9674, 0.3421, 0.3417
Android (android.graphics.Color)	4294170571 (0xFFFF3D7CB)
YUV	222.0040, -9.3690, 18.4135
Hunter-Lab	84.8336, 3.1464, 12.8392

Details

The Yxy color **71.9674, 0.3421, 0.3417** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3504, 0.2872, 0.3159**, and the grayscale version is **73.1111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8763, 0.3496, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **62.6769, 0.3644, 0.3500**, and if you desaturate by 10%, it is **82.3484, 0.3233, 0.3338**.

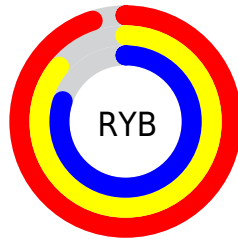
Distribution



Red (95%)

Green (84%)

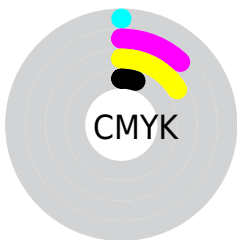
Blue (80%)



Red (95%)

Yellow (86%)

Blue (80%)

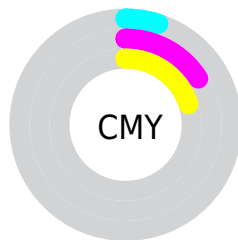


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (5%)



Cyan (5%)


Magenta (16%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9674, 0.3421, 0.3417 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 71.9674, 0.3421, 0.3417 by changing the saturation by 10% instead.


 71.9674, 0.3421,
0.3417

 71.9674, 0.3421,
0.3417


467.4281, 0.3284,
0.3360

 53.1320, 0.3453,
0.3430

122.0102, 0.3373,
0.3397

 37.9082, 0.3492,
0.3445


153.9864, 0.3355,
0.3390

 25.9114, 0.3542,
0.3465


191.1117, 0.3339,
0.3383

 16.7574, 0.3607,
0.3489

233.7705, 0.3325,
0.3377

 10.0617, 0.3698,
0.3522

282.3471, 0.3313,
0.3372

 5.4399, 0.3829,
0.3567

337.2260, 0.3302,

 2.5076, 0.4037,

0.3367

0.3632

398.7915, 0.3292,
0.3363

0.8804, 0.4694,
0.3966

0.0000, 0.0000,
0.0000

71.9674, 0.3421,
0.3417

71.9674, 0.3421,
0.3417

62.6769, 0.3644,
0.3500

82.3484, 0.3233,
0.3338

54.4313, 0.3907,
0.3583

93.8444, 0.3074,
0.3265

47.1958, 0.4211,
0.3662

97.8011, 0.3054,
0.3290

40.9302, 0.4554,
0.3729

■ 35.5913, 0.4923,
0.3773

■ 31.1321, 0.5296,
0.3781

■ 27.5014, 0.5637,
0.3743

■ 24.6408, 0.5910,
0.3659

■ 23.7967, 0.5992,
0.3624

Harmonies

Analogous

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



71.9674, 0.3376, 0.3291



71.9674, 0.3421, 0.3417



71.9674, 0.3385, 0.3513

Triad

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



71.9674, 0.3421, 0.3417



71.9674, 0.2991, 0.3416



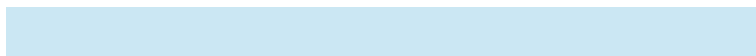
71.9674, 0.2972, 0.3039

Complementary

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



71.9674, 0.3421, 0.3417



76.3504, 0.2872, 0.3159

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.



71.9674, 0.2874, 0.3065



71.9674, 0.3421, 0.3417



71.9674, 0.2884, 0.3281

Square

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



71.9674, 0.3421, 0.3417



71.9674, 0.3135, 0.3516



71.9674, 0.2842, 0.3153



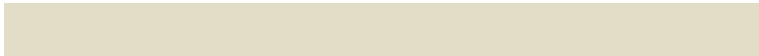
71.9674, 0.3114, 0.3077

Rectangle

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



71.9674, 0.3421, 0.3417



71.9674, 0.3321, 0.3547



71.9674, 0.2842, 0.3153



71.9674, 0.2933, 0.3041

Sweetspot

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



71.9706, 0.3421, 0.3417



93.6387, 0.3208, 0.3327



67.5850, 0.3227, 0.2994



19.8566, 0.3220, 0.3332



0.0000, 0.0000, 0.0000



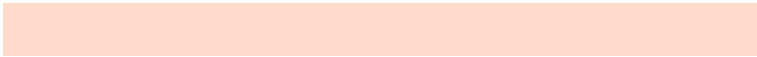
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9706, 0.3421, 0.3417



76.4244, 0.3497, 0.3446



82.4258, 0.3389, 0.3614



17.2913, 0.3286, 0.3362



13.2612, 0.5964, 0.3647



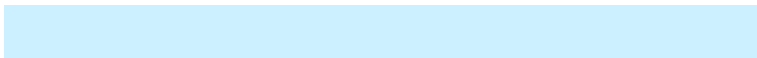
1.3377, 0.5720, 0.3841

Inverse Universe

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



76.3504, 0.2872, 0.3159



82.2178, 0.2817, 0.3128



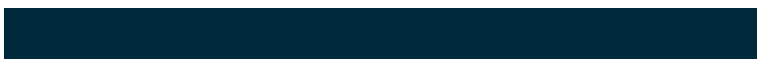
66.0977, 0.2862, 0.2943



17.8710, 0.2980, 0.3217



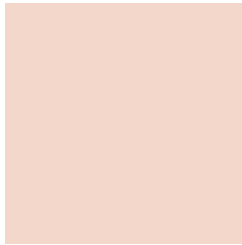
19.6259, 0.1968, 0.2283



1.9041, 0.2007, 0.2424

Previews

White Background



This preview shows how the Yxy color 71.9674, 0.3421, 0.3417 looks on a white background.

Color Contrast Check

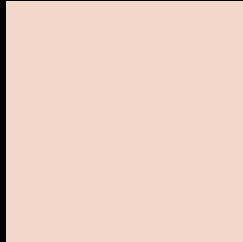
Large Text (above 18pt) WCAG AA × Fail

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 71.9674, 0.3421, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

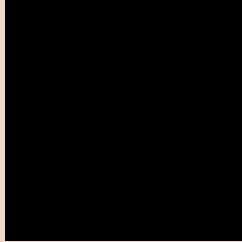
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

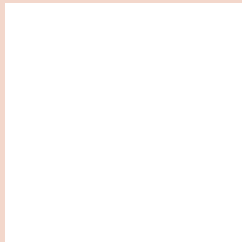
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9674, 0.3421, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 71.9674, 0.3421, 0.3417.

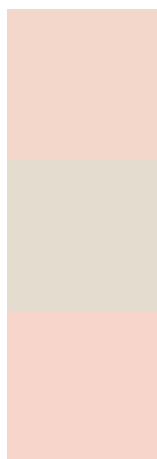


This preview shows how white text looks on a background with the Yxy color 71.9674, 0.3421, 0.3417.

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

71.9674, 0.3421, 0.3417

Protanopia

72.1366, 0.3280, 0.3442

Deuteranopia

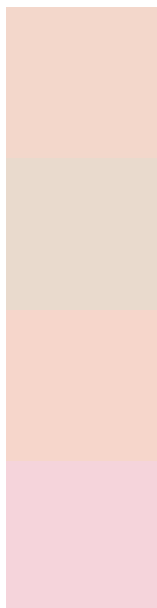
71.8568, 0.3463, 0.3395



Tritanopia

71.7828, 0.3269, 0.3116

Trichromacy



Original Color

71.9674, 0.3421, 0.3417

Protanomaly

71.8742, 0.3326, 0.3430

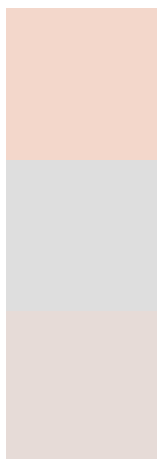
Deuteranomaly

71.9978, 0.3445, 0.3406

Tritanomaly

71.6139, 0.3325, 0.3218

Monochromacy



Original Color

71.9674, 0.3421, 0.3417

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3923, 0.3234, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9674, 0.3421, 0.3417 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, 215, 203)` looks like.

```
.text, #text, p{  
    color:rgb(243, 215, 203)  
}
```

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, 215, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 215, 203) }
```

Border

The CSS property to change the border of an element to Yxy 71.9674, 0.3421, 0.3417 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, 215, 203) }
```

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

```
.border{ border-color:rgb(243, 215, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 215, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 215, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 215, 203);  
box-shadow:4px 4px 4px 4px rgb(243, 215,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9674, 0.3421, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 215, 203) }
```

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

```
.background{ background-color: rgb(243,  
215, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor