

Converting Colors

$Yxy(74.2474, 0.3476, 0.3437)$

Have a look what the booklet for
Yxy(74.2474, 0.3476, 0.3437)
contains.

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Color

Yxy(74.2615, 0.3470, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	FAD9CB
RGB	250, 217, 203
RGB Percent	98%, 85%, 80%
CMY	0.0199, 0.1489, 0.2040
CMYK	0.00, 0.13, 0.19, 0.02
HSL	18°, 82%, 89%
HSV	18°, 19%, 98%
XYZ	74.9963, 74.2615, 66.8699
YIQ	225.2710, 24.1620, 2.6420

Conversions

Conversions Part 2

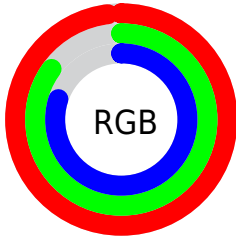
Format	Color
R _Y B	250, 223, 203
Decimal	16439755
CIE Lab	89.05, 9.25, 11.11
CIE LCh	89, 14.456, 50.236
Yxy	74.2615, 0.3470, 0.3436
Android (android.graphics.Color)	4294629835 (0xFFFAD9CB)
YUV	225.2710, -10.9796, 21.6873
Hunter-Lab	86.1751, 4.5382, 14.3149

Details

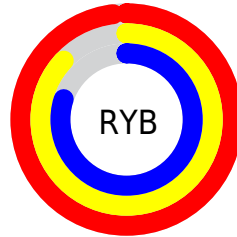
The Yxy color **74.2615, 0.3470, 0.3436** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5147, 0.2836, 0.3139**, and the grayscale version is **75.5642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3480, 0.3551, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **64.6113, 0.3703, 0.3519**, and if you desaturate by 10%, it is **85.0687, 0.3274, 0.3356**.

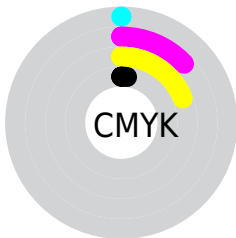
Distribution



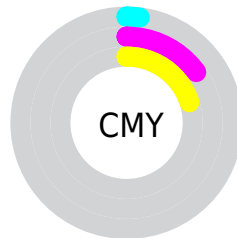
- Red (98%)
- Green (85%)
- Blue (80%)



- Red (98%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (19%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2615, 0.3470, 0.3436 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 74.2615, 0.3470, 0.3436 by changing the saturation by 10% instead.


 74.2615, 0.3470,
0.3436

 74.2615, 0.3470,
0.3436

475.3754, 0.3311,
0.3371

 55.0081, 0.3506,
0.3450


125.2664, 0.3415,
0.3414

 39.4082, 0.3552,
0.3468

157.7867, 0.3393,
0.3405

 27.0774, 0.3609,
0.3489


195.4982, 0.3375,
0.3398

 17.6314, 0.3684,
0.3516

238.7851, 0.3359,
0.3391

 10.6857, 0.3786,
0.3552

288.0318, 0.3344,
0.3385

 5.8559, 0.3934,
0.3600

343.6229, 0.3332,

 2.7576, 0.4164,

0.3380

0.3666

405.9426, 0.3321,
0.3375

1.0066, 0.4812,
0.3956

0.0000, 1.0000,
0.0000

74.2615, 0.3470,
0.3436

74.2615, 0.3470,
0.3436

64.6113, 0.3703,
0.3519

85.0687, 0.3274,
0.3356

56.0691, 0.3976,
0.3602

97.0598, 0.3109,
0.3281

48.5970, 0.4290,
0.3680

99.0512, 0.3096,
0.3290

42.1512, 0.4641,
0.3742

■ 36.6846, 0.5014,
0.3778

■ 32.1459, 0.5383,
0.3776

■ 28.4785, 0.5712,
0.3726

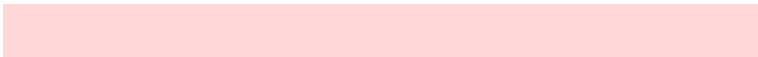
■ 25.6148, 0.5967,
0.3634

■ 25.3153, 0.5995,
0.3622

Harmonies

Analogous

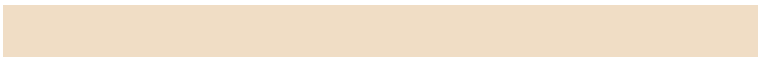
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2615, 0.3416, 0.3290



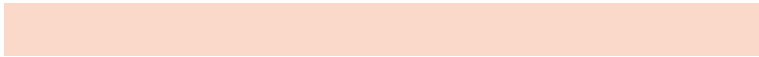
74.2615, 0.3470, 0.3436



74.2615, 0.3428, 0.3549

Triad

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



74.2615, 0.3470, 0.3436



74.2615, 0.2969, 0.3438



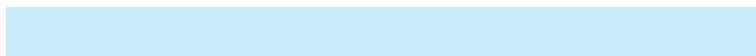
74.2615, 0.2946, 0.2999

Complementary

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



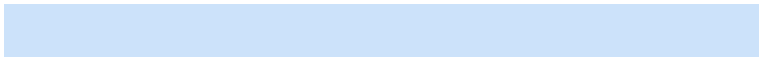
74.2615, 0.3470, 0.3436



79.5147, 0.2836, 0.3139

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.



74.2615, 0.2832, 0.3029



74.2615, 0.3470, 0.3436



74.2615, 0.2845, 0.3280

Square

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



74.2615, 0.3470, 0.3436



74.2615, 0.3137, 0.3555



74.2615, 0.2796, 0.3130



74.2615, 0.3110, 0.3043

Rectangle

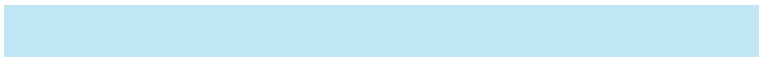
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2615, 0.3470, 0.3436



74.2615, 0.3354, 0.3589



74.2615, 0.2796, 0.3130



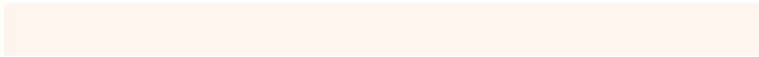
74.2615, 0.2901, 0.3000

Sweetspot

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



74.2648, 0.3470, 0.3436



92.4026, 0.3225, 0.3335



69.1081, 0.3244, 0.2950



19.6068, 0.3236, 0.3340



0.0000, 0.0000, 0.0000



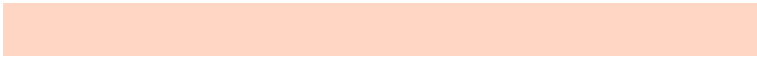
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2648, 0.3470, 0.3436



73.3047, 0.3564, 0.3471



86.8004, 0.3429, 0.3662



18.0718, 0.3287, 0.3362



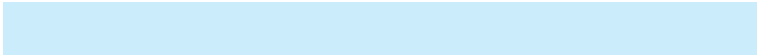
13.6546, 0.5966, 0.3645



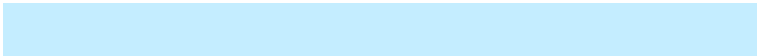
1.4413, 0.5734, 0.3829

Inverse Universe

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



79.5147, 0.2836, 0.3139



79.8313, 0.2771, 0.3101



67.2588, 0.2821, 0.2888



18.6801, 0.2980, 0.3217



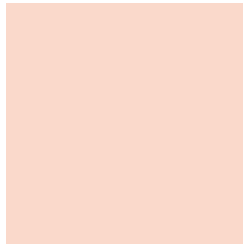
20.2262, 0.1967, 0.2282



2.0585, 0.2005, 0.2417

Previews

White Background



This preview shows how the Yxy color 74.2615, 0.3470, 0.3436 looks on a white background.

Color Contrast Check

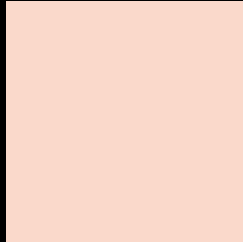
Large Text (above 18pt) WCAG AA × Fail

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 74.2615, 0.3470, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

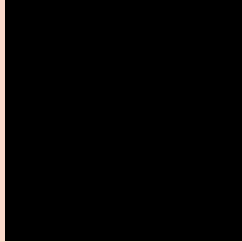
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

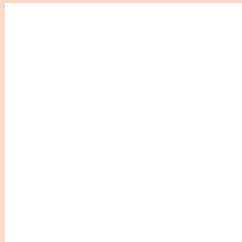
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2615, 0.3470, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 74.2615, 0.3470, 0.3436.

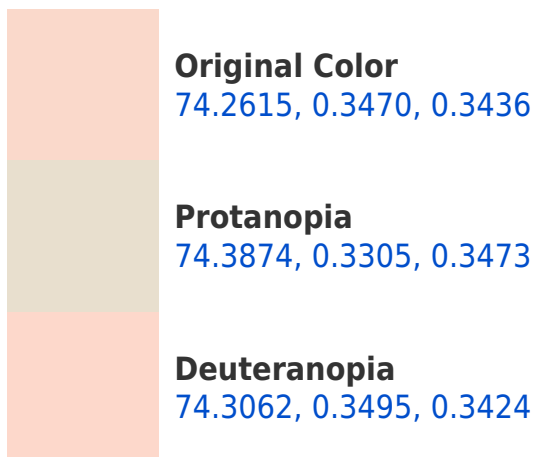


This preview shows how white text looks on a background with the Yxy color 74.2615, 0.3470, 0.3436.

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





Tritanopia

74.1843, 0.3305, 0.3119

Trichromacy



Original Color

74.2615, 0.3470, 0.3436

Protanomaly

74.4714, 0.3367, 0.3460

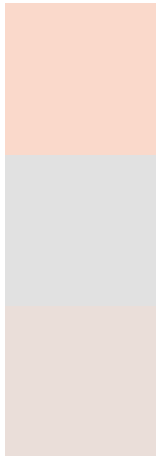
Deuteranomaly

74.1190, 0.3488, 0.3425

Tritanomaly

73.9559, 0.3367, 0.3230

Monochromacy



Original Color

74.2615, 0.3470, 0.3436

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.7447, 0.3246, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2615, 0.3470, 0.3436 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(250, 217, 203)` looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 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(250, 217, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 203) }
```

Border

The CSS property to change the border of an element to Yxy 74.2615, 0.3470, 0.3436 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(250, 217, 203) }
```

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

```
.border{ border-color:rgb(250, 217, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 217, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 203);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2615, 0.3470, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 203) }
```

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

```
.background{ background-color: rgb(250,  
217, 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](#).

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