

Converting Colors

$Y_{xy}(74.1641, 0.3453, 0.3421)$

Have a look what the booklet for
Yxy(74.1641, 0.3453, 0.3421)
contains.

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Color

Yxy(74.1251, 0.3456, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	F9D9CC
RGB	249, 217, 204
RGB Percent	98%, 85%, 80%
CMY	0.0233, 0.1491, 0.1999
CMYK	0.00, 0.13, 0.18, 0.02
HSL	17°, 79%, 89%
HSV	17°, 18%, 98%
XYZ	74.7960, 74.1251, 67.5025
YIQ	225.0860, 23.2450, 2.7410

Conversions

Conversions Part 2

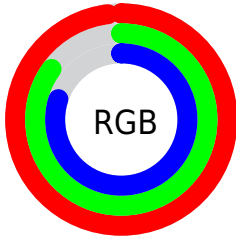
Format	Color
RYB	249, 222, 204
Decimal	16374220
CIELab	88.98, 9.11, 10.47
CIElCh	89, 13.877, 48.958
Yxy	74.1251, 0.3456, 0.3425
Android (android.graphics.Color)	4294564300 (0xFFFF9D9CC)
YUV	225.0860, -10.3954, 20.9726
Hunter-Lab	86.0959, 4.4043, 13.7815

Details

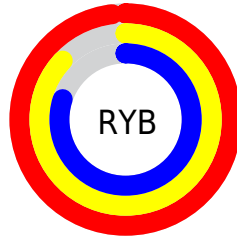
The Yxy color **74.1251, 0.3456, 0.3425** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7283, 0.2847, 0.3151**, and the grayscale version is **75.4305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2491, 0.3532, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **64.3705, 0.3687, 0.3505**, and if you desaturate by 10%, it is **85.0601, 0.3261, 0.3348**.

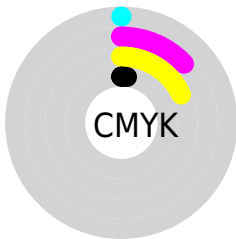
Distribution



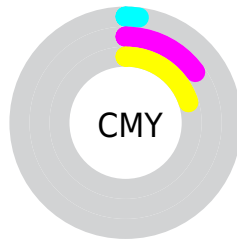
- Red (98%)
- Green (85%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1251, 0.3456, 0.3425 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 74.1251, 0.3456, 0.3425 by changing the saturation by 10% instead.


 74.1251, 0.3456,
0.3425

 74.1251, 0.3456,
0.3425


474.9050, 0.3303,
0.3365

 54.8964, 0.3491,
0.3438


125.0731, 0.3403,
0.3405

 39.3188, 0.3534,
0.3454


157.5613, 0.3382,
0.3396

 27.0078, 0.3589,
0.3474


195.2381, 0.3365,
0.3389

 17.5791, 0.3661,
0.3499

238.4878, 0.3349,
0.3383

 10.6482, 0.3760,
0.3532

287.6950, 0.3336,
0.3378

 5.8308, 0.3902,
0.3577

343.2440, 0.3324,

 2.7425, 0.4124,

0.3373

0.3639

405.5192, 0.3313,
0.3369

0.9988, 0.4730,
0.3900

0.0000, 1.0000,
0.0000

74.1251, 0.3456,
0.3425

74.1251, 0.3456,
0.3425

64.3705, 0.3687,
0.3505

85.0601, 0.3261,
0.3348

55.7463, 0.3959,
0.3585

97.2036, 0.3098,
0.3277

48.2137, 0.4274,
0.3660

98.8907, 0.3091,
0.3290

41.7274, 0.4627,
0.3721

■ 36.2392, 0.5005,
0.3757

■ 31.6965, 0.5380,
0.3756

■ 28.0412, 0.5717,
0.3709

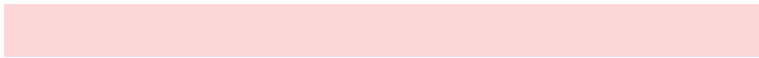
■ 25.2056, 0.5978,
0.3619

■ 24.7459, 0.6022,
0.3601

Harmonies

Analogous

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



74.1251, 0.3401, 0.3284



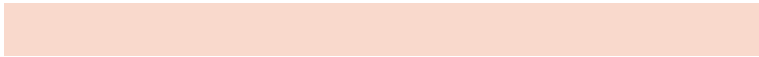
74.1251, 0.3456, 0.3425



74.1251, 0.3420, 0.3536

Triad

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



74.1251, 0.3456, 0.3425



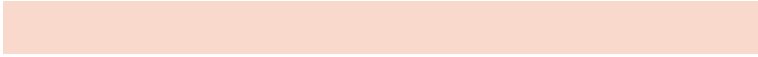
74.1251, 0.2981, 0.3438



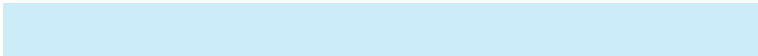
74.1251, 0.2947, 0.3010

Complementary

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



74.1251, 0.3456, 0.3425



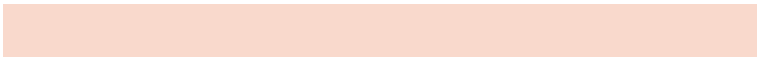
79.7283, 0.2847, 0.3151

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.



74.1251, 0.2841, 0.3042



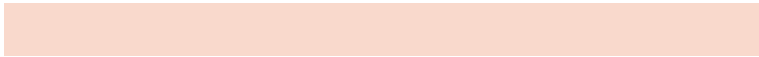
74.1251, 0.3456, 0.3425



74.1251, 0.2860, 0.3287

Square

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



74.1251, 0.3456, 0.3425



74.1251, 0.3144, 0.3548



74.1251, 0.2809, 0.3142



74.1251, 0.3104, 0.3049

Rectangle

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



74.1251, 0.3456, 0.3425



74.1251, 0.3350, 0.3576



74.1251, 0.2809, 0.3142



74.1251, 0.2904, 0.3012

Sweetspot

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



74.1284, 0.3456, 0.3425



93.5488, 0.3208, 0.3326



69.4185, 0.3239, 0.2963



19.8348, 0.3220, 0.3331



0.0000, 0.0000, 0.0000



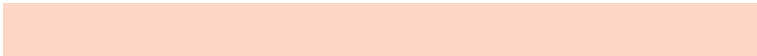
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1284, 0.3456, 0.3425



74.0046, 0.3543, 0.3456



86.4203, 0.3417, 0.3648



18.0389, 0.3287, 0.3359



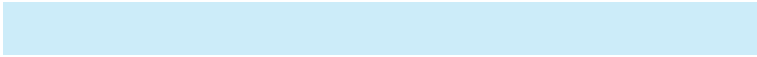
13.4486, 0.5993, 0.3623



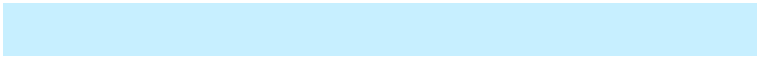
1.4188, 0.5761, 0.3807

Inverse Universe

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



79.7283, 0.2847, 0.3151



80.9944, 0.2787, 0.3117



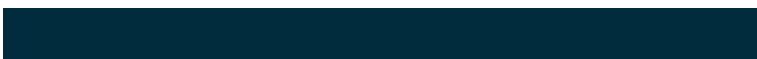
67.6636, 0.2834, 0.2905



18.7148, 0.2980, 0.3220



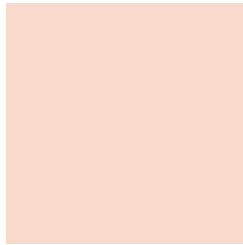
20.8169, 0.1979, 0.2323



2.1095, 0.2015, 0.2453

Previews

White Background



This preview shows how the Yxy color 74.1251, 0.3456, 0.3425 looks on a white background.

Color Contrast Check

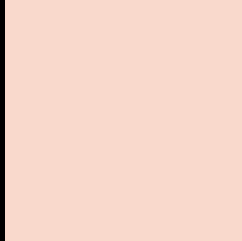
Large Text (above 18pt) WCAG AA × Fail

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 74.1251, 0.3456, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

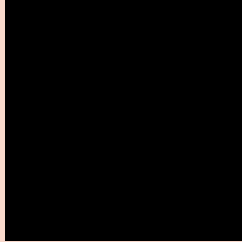
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

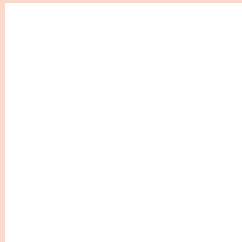
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1251, 0.3456, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 74.1251, 0.3456, 0.3425.

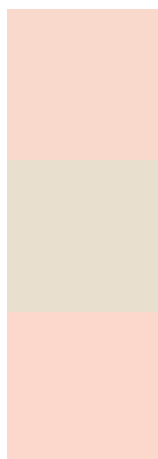


This preview shows how white text looks on a background with the Yxy color 74.1251, 0.3456, 0.3425.

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

74.1251, 0.3456, 0.3425

Protanopia

74.4362, 0.3299, 0.3462

Deuteranopia

74.1668, 0.3480, 0.3414



Tritanopia

73.9971, 0.3297, 0.3119

Trichromacy



Original Color

74.1251, 0.3456, 0.3425

Protanomaly

74.3463, 0.3352, 0.3449

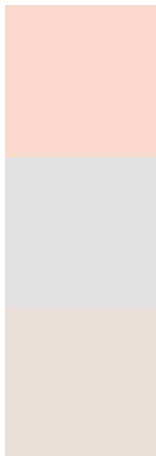
Deuteranomaly

73.9806, 0.3473, 0.3415

Tritanomaly

73.8228, 0.3353, 0.3219

Monochromacy



Original Color

74.1251, 0.3456, 0.3425

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 74.1251, 0.3456, 0.3425 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(249, 217, 204)` looks like.

```
.text, #text, p{  
    color:rgb(249, 217, 204)  
}
```

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(249, 217, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 217, 204) }
```

Border

The CSS property to change the border of an element to Yxy 74.1251, 0.3456, 0.3425 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(249, 217, 204) }
```

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

```
.border{ border-color:rgb(249, 217, 204) }
```

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

Here you see how a box with a 4 pixel rgb(249, 217, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 217, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 217, 204);  
box-shadow:4px 4px 4px 4px rgb(249, 217,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1251, 0.3456, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 217, 204) }
```

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

```
.background{ background-color: rgb(249,  
217, 204) }
```

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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