

Converting Colors

$Y_{xy}(73.7972, 0.3414, 0.3442)$

Have a look what the booklet for
Yxy(73.7972, 0.3414, 0.3442)
contains.

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Color

Yxy(73.7355, 0.3416, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	F4DACC
RGB	244, 218, 204
RGB Percent	96%, 85%, 80%
CMY	0.0431, 0.1451, 0.1999
CMYK	0.00, 0.11, 0.16, 0.04
HSL	21°, 65%, 88%
HSV	21°, 16%, 96%
XYZ	73.2850, 73.7355, 67.5140
YIQ	224.1780, 19.9900, 1.1580

Conversions

Conversions Part 2

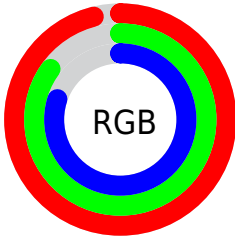
Format	Color
R _Y B	244, 226, 204
Decimal	16046796
CIE Lab	88.80, 6.78, 10.14
CIE LCh	89, 12.195, 56.244
Yxy	73.7355, 0.3416, 0.3437
Android (android.graphics.Color)	4294236876 (0xFFF4DACC)
YUV	224.1780, -9.9478, 17.3839
Hunter-Lab	85.8694, 2.0689, 13.4924

Details

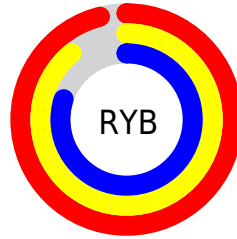
The Yxy color **73.7355, 0.3416, 0.3437** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9931, 0.2872, 0.3138**, and the grayscale version is **74.7411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9612, 0.3479, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **64.8141, 0.3634, 0.3533**, and if you desaturate by 10%, it is **83.6357, 0.3231, 0.3345**.

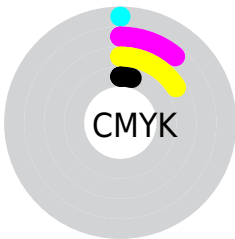
Distribution



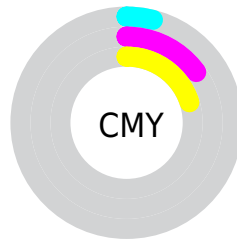
- Red (96%)
- Green (85%)
- Blue (80%)



- Red (96%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7355, 0.3416, 0.3437 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 73.7355, 0.3416, 0.3437 by changing the saturation by 10% instead.

 73.7355, 0.3416,
0.3437

 73.7355, 0.3416,
0.3437


473.5600, 0.3282,
0.3371

 54.5776, 0.3447,
0.3452

124.5208, 0.3369,
0.3414

 39.0636, 0.3485,
0.3470


156.9170, 0.3351,
0.3405

 26.8092, 0.3533,
0.3492


194.4946, 0.3336,
0.3398

 17.4300, 0.3597,
0.3521

237.6383, 0.3322,
0.3391

 10.5415, 0.3683,
0.3560

286.7322, 0.3310,
0.3385

 5.7595, 0.3808,
0.3613

342.1609, 0.3300,

 2.6994, 0.4004,

0.3380

0.3690

404.3087, 0.3290,
0.3375

0.9769, 0.4567,
0.3995

0.0000, 1.0000,
0.0000

73.7355, 0.3416,
0.3437

73.7355, 0.3416,
0.3437

64.8141, 0.3634,
0.3533

83.6357, 0.3231,
0.3345

56.8311, 0.3887,
0.3630

94.5340, 0.3073,
0.3260

49.7574, 0.4178,
0.3722

97.9758, 0.3060,
0.3290

43.5590, 0.4501,
0.3802

■ 38.1992, 0.4848,
0.3857

■ 33.6384, 0.5196,
0.3874

■ 29.8333, 0.5518,
0.3843

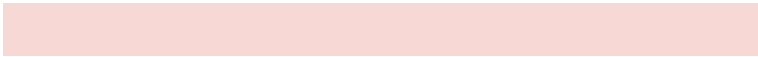
■ 26.7346, 0.5782,
0.3761

■ 25.7718, 0.5865,
0.3725

Harmonies

Analogous

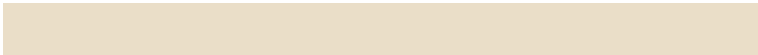
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7355, 0.3387, 0.3316



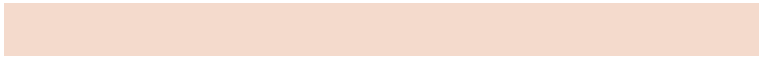
73.7355, 0.3416, 0.3437



73.7355, 0.3366, 0.3523

Triad

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



73.7355, 0.3416, 0.3437



73.7355, 0.2968, 0.3390



73.7355, 0.2999, 0.3045

Complementary

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



73.7355, 0.3416, 0.3437



75.9931, 0.2872, 0.3138

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.



73.7355, 0.2892, 0.3059



73.7355, 0.3416, 0.3437



73.7355, 0.2874, 0.3255

Square

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



73.7355, 0.3416, 0.3437



73.7355, 0.3106, 0.3498



73.7355, 0.2847, 0.3134



73.7355, 0.3143, 0.3094

Rectangle

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



73.7355, 0.3416, 0.3437



73.7355, 0.3295, 0.3546



73.7355, 0.2847, 0.3134



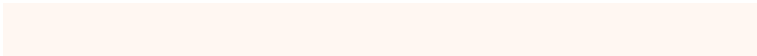
73.7355, 0.2958, 0.3043

Sweetspot

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



73.7388, 0.3416, 0.3437



94.0266, 0.3207, 0.3333



68.1872, 0.3241, 0.3015



19.9507, 0.3219, 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.



73.7388, 0.3416, 0.3437



77.7651, 0.3492, 0.3472



84.3684, 0.3384, 0.3633



17.4294, 0.3285, 0.3373



14.2422, 0.5836, 0.3748



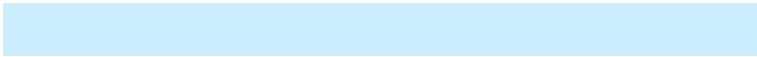
1.4369, 0.5596, 0.3938

Inverse Universe

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



75.9931, 0.2872, 0.3138



80.7317, 0.2815, 0.3101



65.8105, 0.2863, 0.2923



17.7264, 0.2980, 0.3205



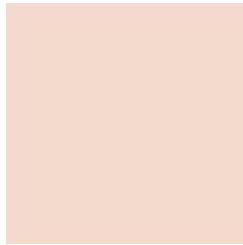
17.2549, 0.1918, 0.2104



1.7086, 0.1964, 0.2269

Previews

White Background



This preview shows how the Yxy color 73.7355, 0.3416, 0.3437 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 73.7355, 0.3416, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

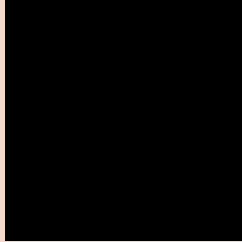
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7355, 0.3416, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 73.7355, 0.3416, 0.3437.

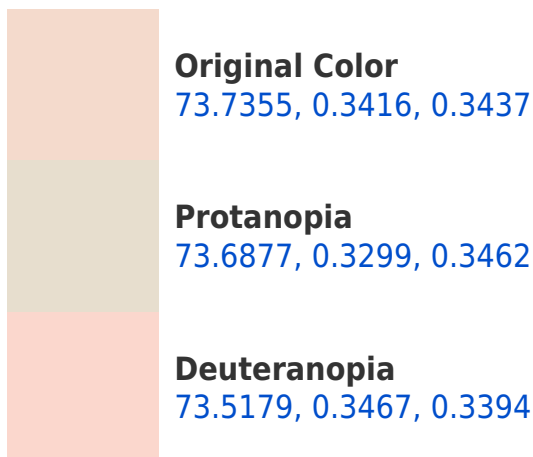


This preview shows how white text looks on a background with the Yxy color 73.7355, 0.3416, 0.3437.

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

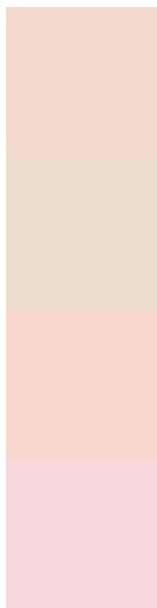




Tritanopia

73.6368, 0.3252, 0.3117

Trichromacy



Original Color

73.7355, 0.3416, 0.3437

Protanomaly

73.9535, 0.3345, 0.3461

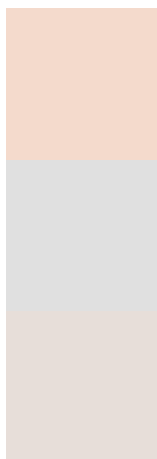
Deuteranomaly

73.4760, 0.3443, 0.3405

Tritanomaly

73.4142, 0.3314, 0.3229

Monochromacy



Original Color

73.7355, 0.3416, 0.3437

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2412, 0.3225, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7355, 0.3416, 0.3437 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(244, 218, 204)` looks like.

```
.text, #text, p{  
    color:rgb(244, 218, 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(244, 218, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 218, 204) }
```

Border

The CSS property to change the border of an element to Yxy 73.7355, 0.3416, 0.3437 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(244, 218, 204) }
```

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

```
.border{ border-color:rgb(244, 218, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 218, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 218, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 218, 204);  
box-shadow:4px 4px 4px 4px rgb(244, 218,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7355, 0.3416, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 218, 204) }
```

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

```
.background{ background-color: rgb(244,  
218, 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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