

Converting Colors

$Yxy(73.8266, 0.3445, 0.3474)$

Have a look what the booklet for
Yxy(73.8266, 0.3445, 0.3474)
contains.

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Color

Yxy(73.7723, 0.3445, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	F5DAC9
RGB	245, 218, 201
RGB Percent	96%, 85%, 79%
CMY	0.0393, 0.1450, 0.2118
CMYK	0.00, 0.11, 0.18, 0.04
HSL	23°, 69%, 87%
HSV	23°, 18%, 96%
XYZ	73.2619, 73.7723, 65.6274
YIQ	224.1350, 21.5490, 0.4370

Conversions

Conversions Part 2

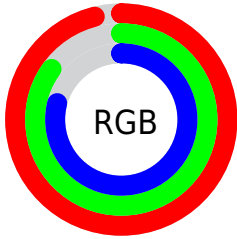
Format	Color
R _Y B	245, 229, 201
Decimal	16112329
CIE Lab	88.81, 6.65, 11.77
CIE LCh	89, 13.523, 60.528
Yxy	73.7723, 0.3445, 0.3469
Android (android.graphics.Color)	4294302409 (0xFFF5DAC9)
YUV	224.1350, -11.4056, 18.2986
Hunter-Lab	85.8908, 1.9455, 14.8213

Details

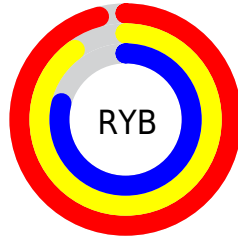
The Yxy color **73.7723, 0.3445, 0.3469** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4629, 0.2847, 0.3104**, and the grayscale version is **74.7138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9923, 0.3518, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **65.2752, 0.3664, 0.3575**, and if you desaturate by 10%, it is **83.1652, 0.3257, 0.3367**.

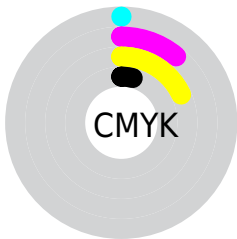
Distribution



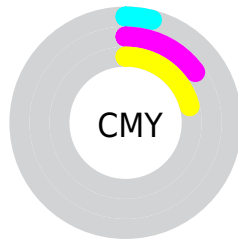
- Red (96%)
- Green (85%)
- Blue (79%)



- Red (96%)
- Yellow (90%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7723, 0.3445, 0.3469 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 73.7723, 0.3445, 0.3469 by changing the saturation by 10% instead.


 73.7723, 0.3445,
0.3469

 73.7723, 0.3445,
0.3469


473.6871, 0.3297,
0.3388

 54.6077, 0.3479,
0.3487

124.5730, 0.3394,
0.3441

 39.0877, 0.3521,
0.3509


156.9778, 0.3374,
0.3430

 26.8280, 0.3574,
0.3537


194.5649, 0.3357,
0.3421

 17.4441, 0.3643,
0.3572

237.7186, 0.3342,
0.3413

 10.5516, 0.3738,
0.3619

286.8232, 0.3329,
0.3405

 5.7662, 0.3875,
0.3683

342.2633, 0.3317,

 2.7034, 0.4088,

0.3399

0.3776

404.4231, 0.3307,
0.3393

0.9789, 0.4779,
0.4195

0.0000, 1.0000,
0.0000

73.7723, 0.3445,
0.3469

73.7723, 0.3445,
0.3469

65.2752, 0.3664,
0.3575

83.1652, 0.3257,
0.3367

57.6367, 0.3916,
0.3682

93.4700, 0.3096,
0.3271

50.8313, 0.4201,
0.3783

98.1478, 0.3066,
0.3290

44.8283, 0.4515,
0.3869

■ 39.5951, 0.4846,
0.3927

■ 35.0961, 0.5174,
0.3945

■ 31.2923, 0.5472,
0.3912

■ 28.1374, 0.5717,
0.3827

■ 27.5637, 0.5762,
0.3807

Harmonies

Analogous

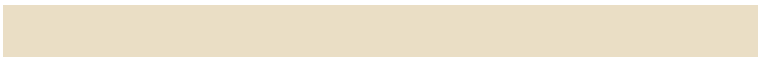
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7723, 0.3425, 0.3339



73.7723, 0.3445, 0.3469



73.7723, 0.3377, 0.3556

Triad

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



73.7723, 0.3445, 0.3469



73.7723, 0.2933, 0.3380



73.7723, 0.3007, 0.3023

Complementary

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



73.7723, 0.3445, 0.3469



74.4629, 0.2847, 0.3104

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.



73.7723, 0.2880, 0.3027



73.7723, 0.3445, 0.3469



73.7723, 0.2838, 0.3229

Square

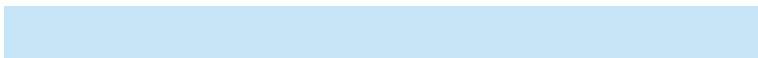
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7723, 0.3445, 0.3469



73.7723, 0.3080, 0.3508



73.7723, 0.2819, 0.3101



73.7723, 0.3169, 0.3086

Rectangle

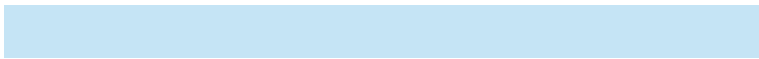
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7723, 0.3445, 0.3469



73.7723, 0.3293, 0.3576



73.7723, 0.2819, 0.3101



73.7723, 0.2959, 0.3017

Sweetspot

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



73.7756, 0.3445, 0.3469



94.3213, 0.3207, 0.3338



66.7827, 0.3270, 0.3010



20.0222, 0.3219, 0.3345



0.0000, 0.0000, 0.0000



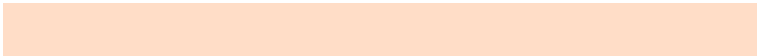
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7756, 0.3445, 0.3469



76.8909, 0.3531, 0.3512



85.8516, 0.3407, 0.3688



17.5345, 0.3284, 0.3382



15.1014, 0.5733, 0.3830



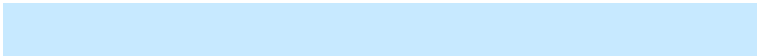
1.5203, 0.5501, 0.4014

Inverse Universe

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



74.4629, 0.2847, 0.3104



77.7854, 0.2782, 0.3057



63.2065, 0.2834, 0.2858



17.6176, 0.2980, 0.3196



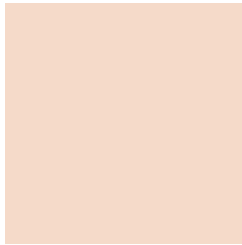
15.6047, 0.1880, 0.1968



1.5705, 0.1931, 0.2152

Previews

White Background



This preview shows how the Yxy color 73.7723, 0.3445, 0.3469 looks on a white background.

Color Contrast Check

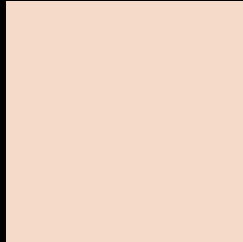
Large Text (above 18pt) WCAG AA × Fail

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 73.7723, 0.3445, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

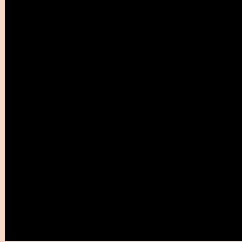
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7723, 0.3445, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 73.7723, 0.3445, 0.3469.

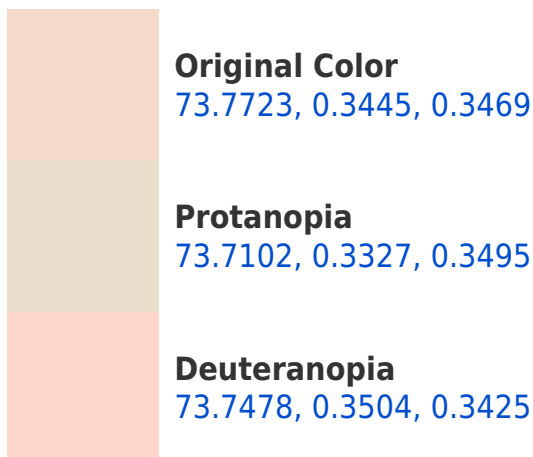


This preview shows how white text looks on a background with the Yxy color 73.7723, 0.3445, 0.3469.

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

73.9460, 0.3274, 0.3128

Trichromacy



Original Color

73.7723, 0.3445, 0.3469

Protanomaly

73.9817, 0.3373, 0.3493

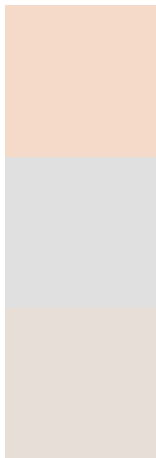
Deuteranomaly

73.7000, 0.3480, 0.3436

Tritanomaly

73.6718, 0.3343, 0.3250

Monochromacy



Original Color

73.7723, 0.3445, 0.3469

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3562, 0.3239, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7723, 0.3445, 0.3469 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(245, 218, 201)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 201)  
}
```

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(245, 218, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 201) }
```

Border

The CSS property to change the border of an element to Yxy 73.7723, 0.3445, 0.3469 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(245, 218, 201) }
```

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

```
.border{ border-color:rgb(245, 218, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 201);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
201) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.7723, 0.3445, 0.3469$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 201) }
```

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

```
.background{ background-color: rgb(245,  
218, 201) }
```

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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