

Converting Colors

$Yxy(74.1636, 0.3372, 0.3458)$

Have a look what the booklet for
Yxy(74.1636, 0.3372, 0.3458)
contains.

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Color

Yxy(73.9449, 0.3368, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	EFDCCD
RGB	239, 220, 205
RGB Percent	94%, 86%, 80%
CMY	0.0628, 0.1372, 0.1960
CMYK	0.00, 0.08, 0.14, 0.06
HSL	26°, 51%, 87%
HSV	26°, 14%, 94%
XYZ	72.2083, 73.9449, 68.2420
YIQ	223.9710, 16.1390, -0.6370

Conversions

Conversions Part 2

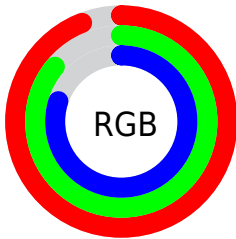
Format	Color
R _Y B	239, 232, 205
Decimal	15719629
CIE Lab	88.90, 4.09, 9.70
CIE LCh	89, 10.527, 67.122
Yxy	73.9449, 0.3368, 0.3449
Android (android.graphics.Color)	4293909709 (0xFFEFDCCD)
YUV	223.9710, -9.3527, 13.1804
Hunter-Lab	85.9912, -0.5951, 13.1418

Details

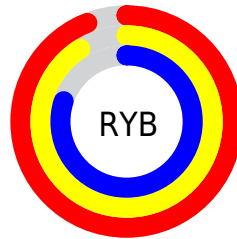
The Yxy color **73.9449, 0.3368, 0.3449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5298, 0.2905, 0.3126**, and the grayscale version is **74.5809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2119, 0.3425, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **66.1468, 0.3570, 0.3568**, and if you desaturate by 10%, it is **82.4860, 0.3193, 0.3336**.

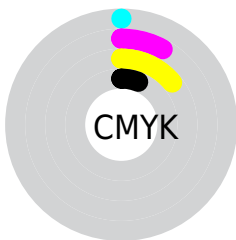
Distribution



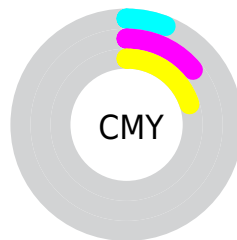
- Red (94%)
- Green (86%)
- Blue (80%)



- Red (94%)
- Yellow (91%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (6%)





- Cyan (6%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9449, 0.3368, 0.3449 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 73.9449, 0.3368, 0.3449 by changing the saturation by 10% instead.

 73.9449, 0.3368,
0.3449

 73.9449, 0.3368,
0.3449


474.2832, 0.3256,
0.3376

 54.7489, 0.3394,
0.3465


124.8177, 0.3329,
0.3424

 39.2008, 0.3425,
0.3485


157.2633, 0.3314,
0.3414

 26.9159, 0.3465,
0.3511


194.8943, 0.3301,
0.3406

 17.5101, 0.3518,
0.3543

238.0950, 0.3290,
0.3398

 10.5988, 0.3589,
0.3587

287.2499, 0.3280,
0.3392

 5.7978, 0.3693,
0.3649

342.7432, 0.3271,

 2.7225, 0.3854,

0.3386

0.3741

404.9596, 0.3263,
0.3381

0.9886, 0.4319,
0.4061

0.0000, 0.0000,
0.0000

73.9449, 0.3368,
0.3449

73.9449, 0.3368,
0.3449

66.1468, 0.3570,
0.3568

82.4860, 0.3193,
0.3336

59.0610, 0.3800,
0.3689

91.7805, 0.3043,
0.3230

52.6685, 0.4059,
0.3807

97.0884, 0.3029,
0.3290

46.9461, 0.4344,
0.3913

■ 41.8688, 0.4646,
0.3996

■ 37.4098, 0.4951,
0.4043

■ 33.5394, 0.5237,
0.4041

■ 30.2244, 0.5482,
0.3984

■ 28.5372, 0.5605,
0.3931

Harmonies

Analogous

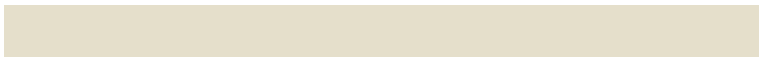
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9449, 0.3368, 0.3353



73.9449, 0.3368, 0.3449



73.9449, 0.3303, 0.3505

Triad

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



73.9449, 0.3368, 0.3449



73.9449, 0.2955, 0.3335



73.9449, 0.3060, 0.3088

Complementary

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



73.9449, 0.3368, 0.3449



72.5298, 0.2905, 0.3126

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.



73.9449, 0.2952, 0.3079



73.9449, 0.3368, 0.3449



73.9449, 0.2893, 0.3219

Square

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



73.9449, 0.3368, 0.3449



73.9449, 0.3063, 0.3440



73.9449, 0.2892, 0.3126



73.9449, 0.3188, 0.3147

Rectangle

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



73.9449, 0.3368, 0.3449



73.9449, 0.3231, 0.3510



73.9449, 0.2892, 0.3126



73.9449, 0.3020, 0.3079

Sweetspot

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



73.9482, 0.3368, 0.3449



95.7769, 0.3190, 0.3333



67.4215, 0.3248, 0.3088



20.3336, 0.3202, 0.3342



0.0000, 0.0000, 0.0000



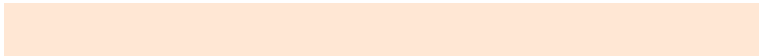
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9482, 0.3368, 0.3449



83.0202, 0.3423, 0.3483



83.1654, 0.3343, 0.3620



16.9063, 0.3282, 0.3395



16.0241, 0.5578, 0.3953



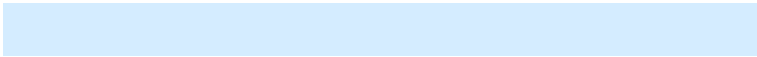
1.5281, 0.5352, 0.4133

Inverse Universe

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



72.5298, 0.2905, 0.3126



81.0857, 0.2860, 0.3090



63.9822, 0.2899, 0.2938



16.6942, 0.2980, 0.3183



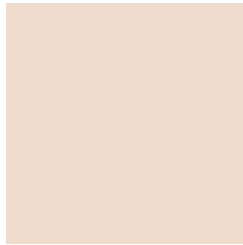
13.0674, 0.1828, 0.1780



1.2851, 0.1888, 0.1996

Previews

White Background



This preview shows how the Yxy color 73.9449, 0.3368, 0.3449 looks on a white background.

Color Contrast Check

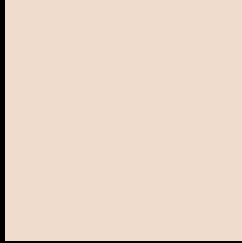
Large Text (above 18pt) WCAG AA × Fail

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 73.9449, 0.3368, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

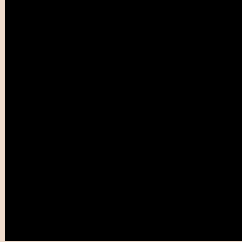
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

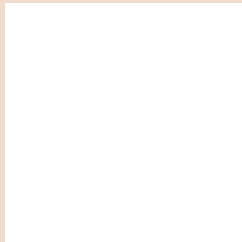
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9449, 0.3368, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 73.9449, 0.3368, 0.3449.

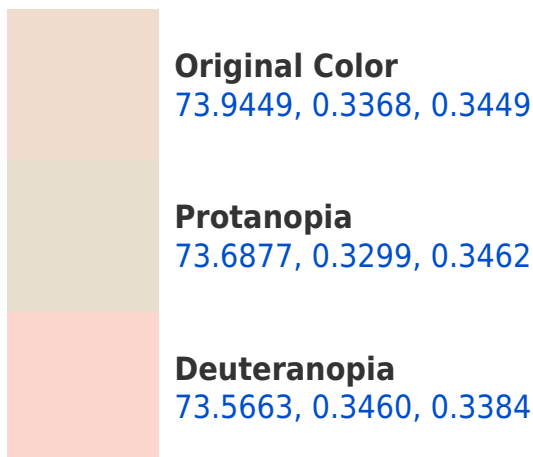


This preview shows how white text looks on a background with the Yxy color 73.9449, 0.3368, 0.3449.

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

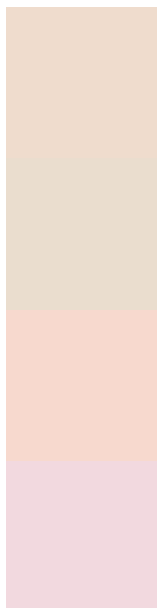




Tritanopia

74.0496, 0.3208, 0.3116

Trichromacy



Original Color

73.9449, 0.3368, 0.3449

Protanomaly

73.6616, 0.3323, 0.3451

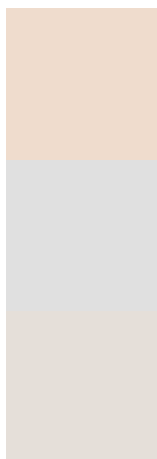
Deuteranomaly

73.8561, 0.3426, 0.3405

Tritanomaly

73.8307, 0.3268, 0.3228

Monochromacy



Original Color

73.9449, 0.3368, 0.3449

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4431, 0.3209, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9449, 0.3368, 0.3449 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(239, 220, 205)` looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 205)  
}
```

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(239, 220, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 205) }
```

Border

The CSS property to change the border of an element to Yxy 73.9449, 0.3368, 0.3449 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(239, 220, 205) }
```

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

```
.border{ border-color:rgb(239, 220, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 220, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 205);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9449, 0.3368, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 205) }
```

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

```
.background{ background-color: rgb(239,  
220, 205) }
```

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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