

Converting Colors

$Yxy(71.6267, 0.3634, 0.3826)$

Have a look what the booklet for
Yxy(71.6267, 0.3634, 0.3826)
contains.

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Color

Yxy(71.3581, 0.3629, 0.3818)

Conversions

Conversions Part 1

Format	Color
Hex	EFDAA9
RGB	239, 218, 169
RGB Percent	94%, 85%, 66%
CMY	0.0628, 0.1451, 0.3374
CMYK	0.00, 0.09, 0.29, 0.06
HSL	42°, 69%, 80%
HSV	42°, 29%, 94%
XYZ	67.8257, 71.3581, 47.7154
YIQ	218.6930, 28.2450, -10.7870

Conversions

Conversions Part 2

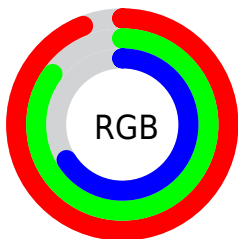
Format	Color
R _Y B	199, 239, 169
Decimal	15719081
CIE Lab	87.66, 0.00, 26.81
CIE LCh	88, 26.809, 89.991
Yxy	71.3581, 0.3629, 0.3818
Android (android.graphics.Color)	4293909161 (0xFFEFDAA9)
YUV	218.6930, -24.4986, 17.8092
Hunter-Lab	84.4737, -4.5077, 25.6414

Details

The Yxy color **71.3581, 0.3629, 0.3818** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.4678, 0.2639, 0.2698**, and the grayscale version is **70.7726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **37.4238, 0.3739, 0.3931** is the 20% darker color. If you saturate the color by 10%, you get **66.9095, 0.3825, 0.4001**, and if you desaturate by 10%, it is **76.1378, 0.3444, 0.3633**.

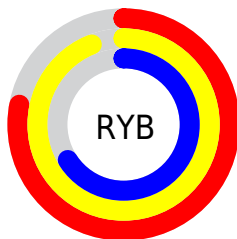
Distribution



Red (94%)

Green (85%)

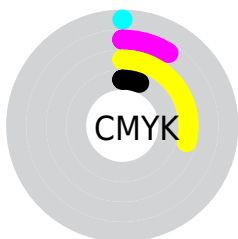
Blue (66%)



Red (78%)

Yellow (94%)

Blue (66%)

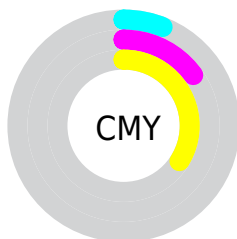


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (6%)



Cyan (6%)


Magenta (15%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3581, 0.3629, 0.3818 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 71.3581, 0.3629, 0.3818 by changing the saturation by 10% instead.


 71.3581, 0.3629,
0.3818

 71.3581, 0.3629,
0.3818

465.3043, 0.3398,
0.3575

 52.6345, 0.3681,
0.3873


 121.1435, 0.3549,
0.3734

 37.5111, 0.3745,
0.3940


152.9740, 0.3518,
0.3701

 25.6034, 0.3825,
0.4024


189.9424, 0.3491,
0.3673

 16.5272, 0.3927,
0.4131

232.4328, 0.3468,
0.3648

 9.8980, 0.4061,
0.4272

280.8299, 0.3447,
0.3626

 5.3314, 0.4241,
0.4462

335.5179, 0.3429,

 2.4430, 0.4626,

0.3607

0.4867

396.8812, 0.3412,
0.3590

0.8479, 0.4873,
0.5127

0.0000, 0.0000,
0.0000

71.3581, 0.3629,
0.3818

71.3581, 0.3629,
0.3818

66.9095, 0.3825,
0.4001

76.1378, 0.3444,
0.3633

62.7713, 0.4027,
0.4173

81.2490, 0.3273,
0.3452

58.9348, 0.4229,
0.4325

86.7047, 0.3117,
0.3278

55.3872, 0.4420,
0.4444

91.8828, 0.3030,
0.3208

■ 52.1137, 0.4592,
0.4521

■ 96.3397, 0.3029,
0.3278

■ 49.0976, 0.4735,
0.4548

■ 97.0902, 0.3029,
0.3290

■ 46.3133, 0.4848,
0.4528

■ 46.1260, 0.4856,
0.4526

Harmonies

Analogous

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



71.3581, 0.3769, 0.3629



71.3581, 0.3629, 0.3818



71.3581, 0.3356, 0.3869

Triad

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



71.3581, 0.3629, 0.3818



71.3581, 0.2561, 0.3162



71.3581, 0.3199, 0.2891

Complementary

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



71.3581, 0.3629, 0.3818



51.4678, 0.2639, 0.2698

Split Complementary

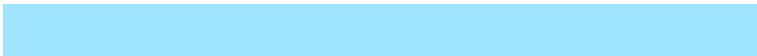
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3581, 0.2878, 0.2771



71.3581, 0.3629, 0.3818



71.3581, 0.2523, 0.2909

Square

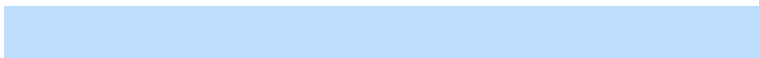
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3581, 0.3629, 0.3818



71.3581, 0.2743, 0.3474



71.3581, 0.2635, 0.2773



71.3581, 0.3515, 0.3105

Rectangle

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



71.3581, 0.3629, 0.3818



71.3581, 0.3140, 0.3804



71.3581, 0.2635, 0.2773



71.3581, 0.3087, 0.2839

Sweetspot

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



71.3614, 0.3629, 0.3818



94.2992, 0.3268, 0.3447



50.4287, 0.3584, 0.3060



19.9933, 0.3292, 0.3473



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.



71.3614, 0.3629, 0.3818



79.6310, 0.3742, 0.3925



80.6005, 0.3469, 0.4048



17.6126, 0.3276, 0.3455



25.7313, 0.4843, 0.4537



2.3137, 0.4737, 0.4621

Inverse Universe

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



51.4678, 0.2639, 0.2698



53.2172, 0.2533, 0.2558



44.6573, 0.2713, 0.2459



16.0009, 0.2980, 0.3120



6.1781, 0.1610, 0.0997



0.6816, 0.1682, 0.1255

Previews

White Background



This preview shows how the Yxy color 71.3581, 0.3629, 0.3818 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 71.3581, 0.3629, 0.3818 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 71.3581, 0.3629, 0.3818

Background



This preview shows how black text looks on a background with the Yxy color 71.3581, 0.3629, 0.3818.



This preview shows how white text looks on a background with the Yxy color 71.3581, 0.3629, 0.3818.

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

71.3581, 0.3629, 0.3818

Protanopia

71.2275, 0.3588, 0.3823

Deuteranopia

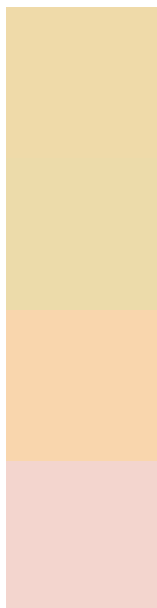
71.4421, 0.3729, 0.3673



Tritanopia

71.2321, 0.3277, 0.3116

Trichromacy



Original Color

71.3581, 0.3629, 0.3818

Protanomaly

71.3982, 0.3595, 0.3821

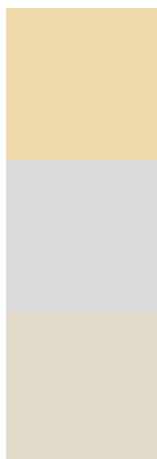
Deuteranomaly

71.2500, 0.3690, 0.3721

Tritanomaly

71.0994, 0.3402, 0.3364

Monochromacy



Original Color

71.3581, 0.3629, 0.3818

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0488, 0.3301, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3581, 0.3629, 0.3818 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, 218, 169)` looks like.

```
.text, #text, p{  
    color:rgb(239, 218, 169)  
}
```

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, 218, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 218, 169) }
```

Border

The CSS property to change the border of an element to Yxy 71.3581, 0.3629, 0.3818 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, 218, 169) }
```

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

```
.border{ border-color:rgb(239, 218, 169) }
```

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

Here you see how a box with a 4 pixel rgb(239, 218, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 218, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 218, 169);  
box-shadow:4px 4px 4px 4px rgb(239, 218,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3581, 0.3629, 0.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 218, 169) }
```

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

```
.background{ background-color: rgb(239,  
218, 169) }
```

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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