

Converting Colors

$Yxy(71.3871, 0.3422, 0.3748)$

Have a look what the booklet for
Yxy(71.3871, 0.3422, 0.3748)
contains.

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Color

Yxy(71.4260, 0.3419, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	E0DEB5
RGB	224, 222, 181
RGB Percent	88%, 87%, 71%
CMY	0.1217, 0.1293, 0.2903
CMYK	0.00, 0.01, 0.19, 0.12
HSL	57°, 41%, 79%
HSV	57°, 19%, 88%
XYZ	65.1910, 71.4260, 54.0557
YIQ	217.9240, 14.3530, -12.3270

Conversions

Conversions Part 2

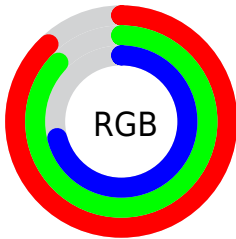
Format	Color
R _{YB}	183, 224, 181
Decimal	14737077
CIE Lab	87.69, -6.00, 20.41
CIE LCh	88, 21.278, 106.377
Yxy	71.4260, 0.3419, 0.3746
Android (android.graphics.Color)	4292927157 (0xFFE0DEB5)
YUV	217.9240, -18.2035, 5.3287
Hunter-Lab	84.5139, -10.2108, 21.2374

Details

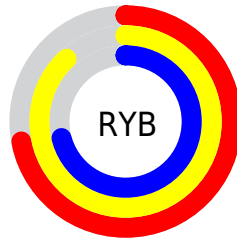
The Yxy color **71.4260, 0.3419, 0.3746** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.0355, 0.2811, 0.2789**, and the grayscale version is **70.1735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **37.5208, 0.3482, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **70.0472, 0.3575, 0.3987**, and if you desaturate by 10%, it is **72.9621, 0.3264, 0.3505**.

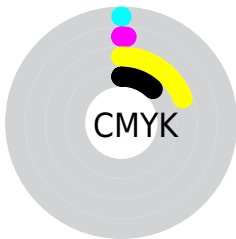
Distribution



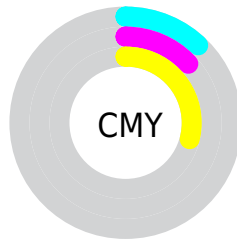
- Red (88%)
- Green (87%)
- Blue (71%)



- Red (72%)
- Yellow (88%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (12%)





- Cyan (12%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4260, 0.3419, 0.3746 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 71.4260, 0.3419, 0.3746 by changing the saturation by 10% instead.


 71.4260, 0.3419,
0.3746

 71.4260, 0.3419,
0.3746

465.5412, 0.3285,
0.3532

 52.6899, 0.3449,
0.3795


 121.2401, 0.3373,
0.3671

 37.5553, 0.3486,
0.3857


153.0869, 0.3355,
0.3642

 25.6377, 0.3532,
0.3935


190.0728, 0.3339,
0.3617

 16.5528, 0.3591,
0.4037

232.5820, 0.3326,
0.3596

 9.9162, 0.3669,
0.4177

280.9991, 0.3314,
0.3577

 5.3434, 0.3776,
0.4378

335.7084, 0.3303,

 2.4501, 0.3940,

0.3560

0.4705

397.0943, 0.3294,
0.3545

■ 0.8515, 0.4377,
0.5623

■ 0.0000, 0.0000,
0.0000

■ 71.4260, 0.3419,
0.3746

■ 71.4260, 0.3419,
0.3746

■ 70.0472, 0.3575,
0.3987

■ 72.9621, 0.3264,
0.3505

■ 68.8092, 0.3728,
0.4221

■ 74.6527, 0.3115,
0.3271

■ 67.7075, 0.3872,
0.4437

■ 76.5070, 0.2974,
0.3049

■ 66.7337, 0.4000,
0.4626

■ 77.4875, 0.2934,
0.2991

65.8787, 0.4106,
0.4779

78.0390, 0.2934,
0.3002

65.1317, 0.4188,
0.4890

78.5937, 0.2934,
0.3013

64.4803, 0.4242,
0.4957

79.1518, 0.2934,
0.3023

63.9044, 0.4273,
0.4986

79.7130, 0.2935,
0.3034

63.8590, 0.4275,
0.4988

80.2776, 0.2935,
0.3044

Harmonies

Analogous

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



71.4260, 0.3592, 0.3655



71.4260, 0.3419, 0.3746



71.4260, 0.3172, 0.3707

Triad

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



71.4260, 0.3419, 0.3746



71.4260, 0.2642, 0.3072



71.4260, 0.3327, 0.3057

Complementary

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



71.4260, 0.3419, 0.3746



49.0355, 0.2811, 0.2789

Split Complementary

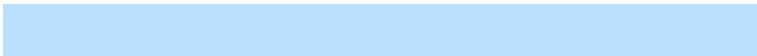
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4260, 0.3066, 0.2914



71.4260, 0.3419, 0.3746



71.4260, 0.2678, 0.2915

Square

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



71.4260, 0.3419, 0.3746



71.4260, 0.2728, 0.3302



71.4260, 0.2830, 0.2861



71.4260, 0.3540, 0.3258

Rectangle

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



71.4260, 0.3419, 0.3746



71.4260, 0.3000, 0.3608



71.4260, 0.2830, 0.2861



71.4260, 0.3242, 0.3001

Sweetspot

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



71.4292, 0.3419, 0.3746



98.6137, 0.3217, 0.3431



52.3053, 0.3485, 0.3266



21.0761, 0.3227, 0.3446



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.



71.4292, 0.3419, 0.3746



95.1043, 0.3481, 0.3842



69.5498, 0.3272, 0.3789



15.9179, 0.3268, 0.3511



37.2331, 0.4274, 0.4989



2.6140, 0.4260, 0.4999

Inverse Universe

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



49.0355, 0.2811, 0.2789



59.8481, 0.2737, 0.2671



50.7434, 0.2959, 0.2787



13.3419, 0.2981, 0.3059



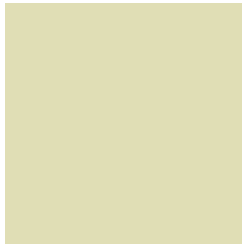
3.3050, 0.1508, 0.0630



0.2646, 0.1532, 0.0716

Previews

White Background



This preview shows how the Yxy color 71.4260, 0.3419, 0.3746 looks on a white background.

Color Contrast Check

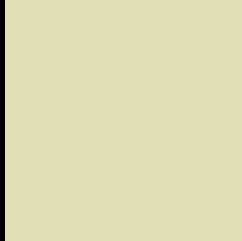
Large Text (above 18pt) WCAG AA × Fail

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 71.4260, 0.3419, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

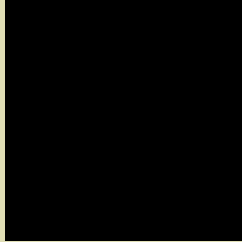
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

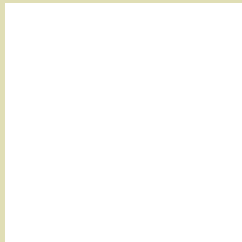
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4260, 0.3419, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 71.4260, 0.3419, 0.3746.



This preview shows how white text looks on a background with the Yxy color 71.4260, 0.3419, 0.3746.

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

71.4260, 0.3419, 0.3746

Protanopia

71.2820, 0.3501, 0.3715

Deuteranopia

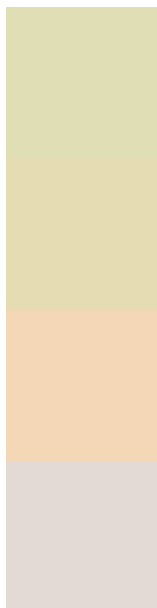
71.0783, 0.3664, 0.3581



Tritanopia

71.4160, 0.3128, 0.3111

Trichromacy



Original Color

71.4260, 0.3419, 0.3746

Protanomaly

71.3047, 0.3476, 0.3729

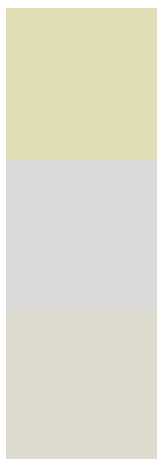
Deuteranomaly

71.0330, 0.3574, 0.3642

Tritanomaly

71.4409, 0.3234, 0.3344

Monochromacy



Original Color

71.4260, 0.3419, 0.3746

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2865, 0.3229, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4260, 0.3419, 0.3746 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(224, 222, 181)` looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 181)  
}
```

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(224, 222, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 181) }
```

Border

The CSS property to change the border of an element to Yxy 71.4260, 0.3419, 0.3746 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(224, 222, 181) }
```

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

```
.border{ border-color:rgb(224, 222, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 222, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 181);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4260, 0.3419, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 181) }
```

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

```
.background{ background-color: rgb(224,  
222, 181) }
```

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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