

Converting Colors

$Yxy(71.7056, 0.3404, 0.3826)$

Have a look what the booklet for
Yxy(71.7056, 0.3404, 0.3826)
contains.

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Color

Yxy(71.5457, 0.3405, 0.3818)

Conversions

Conversions Part 1

Format	Color
Hex	DBE0B1
RGB	219, 224, 177
RGB Percent	86%, 88%, 69%
CMY	0.1411, 0.1216, 0.3059
CMYK	0.02, 0.00, 0.21, 0.12
HSL	66°, 43%, 79%
HSV	66°, 21%, 88%
XYZ	63.8065, 71.5457, 52.0383
YIQ	217.1470, 12.1070, -15.6770

Conversions

Conversions Part 2

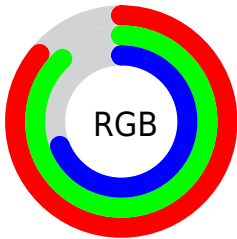
Format	Color
RYB	177, 224, 182
Decimal	14409905
CIELab	87.75, -9.39, 22.51
CIELCh	88, 24.390, 112.650
Yxy	71.5457, 0.3405, 0.3818
Android (android.graphics.Color)	4292599985 (0xFFDBE0B1)
YUV	217.1470, -19.7925, 1.6251
Hunter-Lab	84.5847, -13.3717, 22.7328

Details

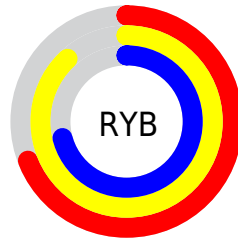
The Yxy color **71.5457, 0.3405, 0.3818** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.7682, 0.2814, 0.2715**, and the grayscale version is **69.6285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **37.7237, 0.3471, 0.3952** is the 20% darker color. If you saturate the color by 10%, you get **70.3612, 0.3537, 0.4077**, and if you desaturate by 10%, it is **72.8884, 0.3271, 0.3562**.

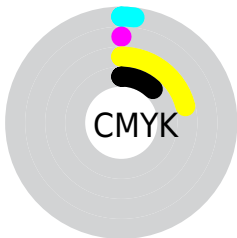
Distribution



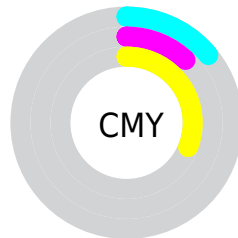
- Red (86%)
- Green (88%)
- Blue (69%)



- Red (69%)
- Yellow (88%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5457, 0.3405, 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 71.5457, 0.3405, 0.3818 by changing the saturation by 10% instead.

■ 71.5457, 0.3405,
0.3818

■ 71.5457, 0.3405,
0.3818

465.9588, 0.3279,
0.3569

■ 52.7876, 0.3433,
0.3876

■ 121.4104, 0.3362,
0.3731

■ 37.6333, 0.3467,
0.3948

153.2859, 0.3345,
0.3697

■ 25.6982, 0.3509,
0.4039

190.3026, 0.3330,
0.3668

■ 16.5980, 0.3562,
0.4160

232.8449, 0.3317,
0.3643

■ 9.9483, 0.3631,
0.4325

281.2974, 0.3306,
0.3621

■ 5.3647, 0.3721,
0.4563

336.0442, 0.3296,

■ 2.4628, 0.3875,

0.3602

0.4981

397.4699, 0.3287,
0.3584

0.8579, 0.4059,
0.5941

0.0000, 0.0000,
0.0000

71.5457, 0.3405,
0.3818

71.5457, 0.3405,
0.3818

70.3612, 0.3537,
0.4077

72.8884, 0.3271,
0.3562

69.3183, 0.3662,
0.4328

74.3865, 0.3140,
0.3314

68.4124, 0.3774,
0.4564

76.0494, 0.3013,
0.3079

67.6349, 0.3868,
0.4772

77.1135, 0.2963,
0.2972

66.9763, 0.3940,
0.4944

77.5066, 0.2979,
0.2974

66.4258, 0.3986,
0.5073

77.9050, 0.2995,
0.2975

65.9703, 0.4006,
0.5157

78.3089, 0.3010,
0.2977

65.6213, 0.4006,
0.5202

78.7181, 0.3026,
0.2979

79.1328, 0.3042,
0.2980

Harmonies

Analogous

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



71.5457, 0.3629, 0.3739



71.5457, 0.3405, 0.3818



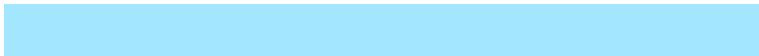
71.5457, 0.3114, 0.3742

Triad

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



71.5457, 0.3405, 0.3818



71.5457, 0.2571, 0.2992



71.5457, 0.3415, 0.3067

Complementary

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



71.5457, 0.3405, 0.3818



46.7682, 0.2814, 0.2715

Split Complementary

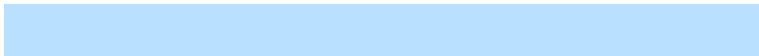
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5457, 0.3119, 0.2889



71.5457, 0.3405, 0.3818



71.5457, 0.2641, 0.2838

Square

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



71.5457, 0.3405, 0.3818



71.5457, 0.2640, 0.3243



71.5457, 0.2837, 0.2805



71.5457, 0.3638, 0.3303

Rectangle

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



71.5457, 0.3405, 0.3818



71.5457, 0.2922, 0.3609



71.5457, 0.2837, 0.2805



71.5457, 0.3320, 0.2999

Sweetspot

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



71.5489, 0.3405, 0.3818



98.7465, 0.3206, 0.3438



52.3536, 0.3537, 0.3346



21.1076, 0.3215, 0.3454



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.



71.5489, 0.3405, 0.3818



95.2908, 0.3461, 0.3927



68.1960, 0.3233, 0.3848



15.9518, 0.3251, 0.3523



38.2253, 0.4008, 0.5199



2.6711, 0.4039, 0.5175

Inverse Universe

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



46.7682, 0.2814, 0.2715



56.5995, 0.2741, 0.2584



49.8321, 0.2997, 0.2745



13.3126, 0.2997, 0.3049



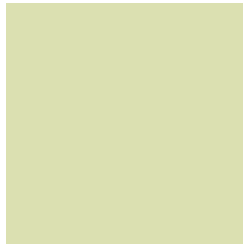
3.2680, 0.1538, 0.0621



0.2503, 0.1633, 0.0673

Previews

White Background



This preview shows how the Yxy color 71.5457, 0.3405, 0.3818 looks on a white background.

Color Contrast Check

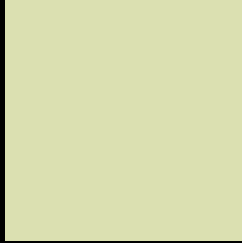
Large Text (above 18pt) WCAG AA × Fail

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 71.5457, 0.3405, 0.3818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

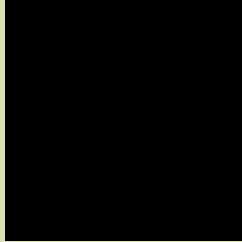
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

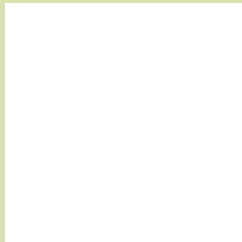
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5457, 0.3405, 0.3818

Background



This preview shows how black text looks on a background with the Yxy color 71.5457, 0.3405, 0.3818.

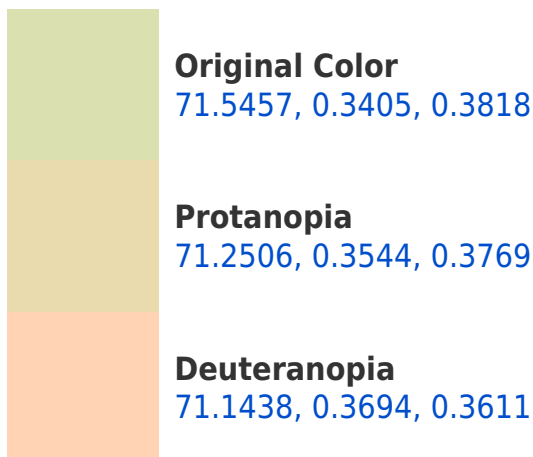


This preview shows how white text looks on a background with the Yxy color 71.5457, 0.3405, 0.3818.

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

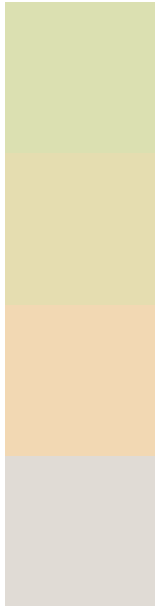




Tritanopia

71.3258, 0.3093, 0.3109

Trichromacy



Original Color

71.5457, 0.3405, 0.3818

Protanomaly

71.5055, 0.3494, 0.3785

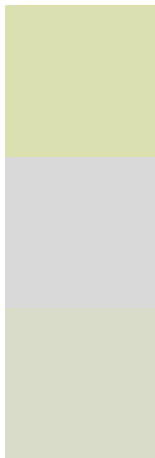
Deuteranomaly

71.2437, 0.3586, 0.3686

Tritanomaly

71.3144, 0.3204, 0.3356

Monochromacy



Original Color

71.5457, 0.3405, 0.3818

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.3561, 0.3233, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5457, 0.3405, 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(219, 224, 177)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 177)  
}
```

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(219, 224, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 177) }
```

Border

The CSS property to change the border of an element to Yxy 71.5457, 0.3405, 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(219, 224, 177) }
```

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

```
.border{ border-color:rgb(219, 224, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 177);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5457, 0.3405, 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(219, 224, 177) }
```

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

```
.background{ background-color: rgb(219,  
224, 177) }
```

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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