

Converting Colors

$Yxy(72.1051, 0.3346, 0.3821)$

Have a look what the booklet for
Yxy(72.1051, 0.3346, 0.3821)
contains.

Yxy(71.9435, 0.3351, 0.3822)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.9435, 0.3351, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	D6E2B3
RGB	214, 226, 179
RGB Percent	84%, 89%, 70%
CMY	0.1606, 0.1138, 0.2980
CMYK	0.05, 0.00, 0.21, 0.11
HSL	75°, 45%, 79%
HSV	75°, 21%, 89%
XYZ	63.0776, 71.9435, 53.2141
YIQ	217.0540, 7.9350, -17.1610

Conversions

Conversions Part 2

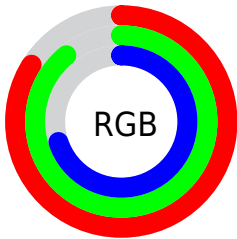
Format	Color
RYB	179, 226, 191
Decimal	14082739
CIELab	87.94, -11.89, 21.67
CIElCh	88, 24.720, 118.759
Yxy	71.9435, 0.3351, 0.3822
Android (android.graphics.Color)	4292272819 (0xFFD6E2B3)
YUV	217.0540, -18.7606, -2.6784
Hunter-Lab	84.8195, -15.6893, 22.1763

Details

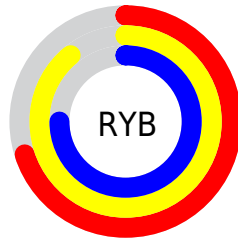
The Yxy color **71.9435, 0.3351, 0.3822** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.8034, 0.2870, 0.2730**, and the grayscale version is **69.5617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **38.0031, 0.3399, 0.3959** is the 20% darker color. If you saturate the color by 10%, you get **70.2571, 0.3456, 0.4093**, and if you desaturate by 10%, it is **73.8165, 0.3243, 0.3559**.

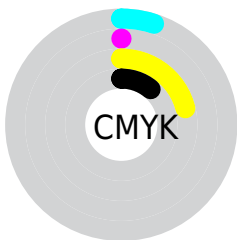
Distribution



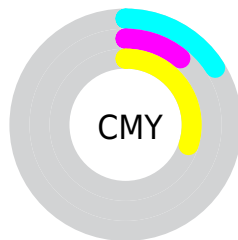
- Red (84%)
- Green (89%)
- Blue (70%)



- Red (70%)
- Yellow (89%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)




- Cyan (16%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9435, 0.3351, 0.3822 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 71.9435, 0.3351, 0.3822 by changing the saturation by 10% instead.


 71.9435, 0.3351,
0.3822

 71.9435, 0.3351,
0.3822


467.3449, 0.3251,
0.3570

 53.1125, 0.3373,
0.3881

 121.9762, 0.3317,
0.3734

 37.8926, 0.3400,
0.3954


153.9467, 0.3303,
0.3699

 25.8993, 0.3432,
0.4048


191.0659, 0.3292,
0.3670

 16.7484, 0.3473,
0.4171

233.7180, 0.3281,
0.3645

 10.0552, 0.3525,
0.4342

282.2876, 0.3272,
0.3623

 5.4356, 0.3591,
0.4590

337.1591, 0.3264,

 2.5050, 0.3693,

0.3603

0.5011

398.7167, 0.3257,
0.3586

0.8792, 0.3828,
0.6172

0.0000, 0.0000,
0.0000

71.9435, 0.3351,
0.3822

71.9435, 0.3351,
0.3822

70.2571, 0.3456,
0.4093

73.8165, 0.3243,
0.3559

68.7402, 0.3554,
0.4363


75.8738, 0.3136,
0.3309


67.3878, 0.3640,
0.4623


78.1251, 0.3032,
0.3076

66.1909, 0.3708,
0.4861


79.6139, 0.3019,
0.2998


 65.1395, 0.3754,
0.5065


 80.6179, 0.3058,
0.3002

 64.2221, 0.3774,
0.5227

 81.6537, 0.3096,
0.3005

 63.4253, 0.3768,
0.5340

 82.7217, 0.3135,
0.3009

 62.7770, 0.3745,
0.5408

 82.8667, 0.3140,
0.3009

Harmonies

Analogous

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



71.9435, 0.3598, 0.3771



71.9435, 0.3351, 0.3822



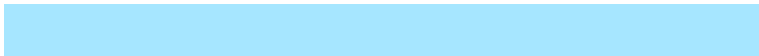
71.9435, 0.3052, 0.3712

Triad

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



71.9435, 0.3351, 0.3822



71.9435, 0.2568, 0.2948



71.9435, 0.3473, 0.3110

Complementary

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



71.9435, 0.3351, 0.3822



48.8034, 0.2870, 0.2730

Split Complementary

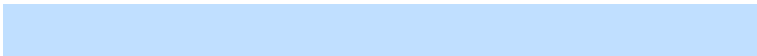
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9435, 0.3181, 0.2915



71.9435, 0.3351, 0.3822



71.9435, 0.2667, 0.2816

Square

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



71.9435, 0.3351, 0.3822



71.9435, 0.2609, 0.3185



71.9435, 0.2887, 0.2808



71.9435, 0.3673, 0.3354

Rectangle

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



71.9435, 0.3351, 0.3822



71.9435, 0.2865, 0.3562



71.9435, 0.2887, 0.2808



71.9435, 0.3381, 0.3037

Sweetspot

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



71.9467, 0.3351, 0.3822



98.3239, 0.3192, 0.3438



56.5768, 0.3516, 0.3425



21.0075, 0.3199, 0.3455



0.0000, 0.0000, 0.0000



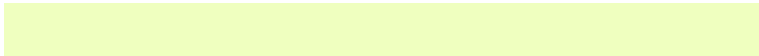
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9467, 0.3351, 0.3822



93.6102, 0.3398, 0.3940



68.6864, 0.3182, 0.3851



15.8452, 0.3228, 0.3524



35.8775, 0.3752, 0.5403



2.5286, 0.3823, 0.5346

Inverse Universe

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



48.8034, 0.2870, 0.2730



57.9197, 0.2807, 0.2597



52.0676, 0.3056, 0.2760



13.4107, 0.3020, 0.3050



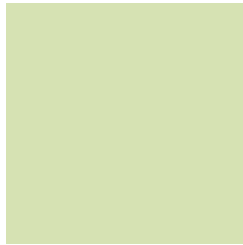
3.6834, 0.1652, 0.0684



0.2975, 0.1809, 0.0770

Previews

White Background



This preview shows how the Yxy color 71.9435, 0.3351, 0.3822 looks on a white background.

Color Contrast Check

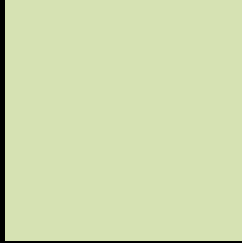
Large Text (above 18pt) WCAG AA × Fail

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 71.9435, 0.3351, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

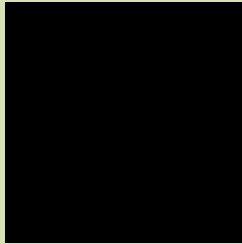
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

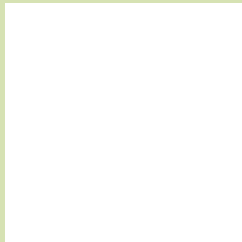
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9435, 0.3351, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 71.9435, 0.3351, 0.3822.

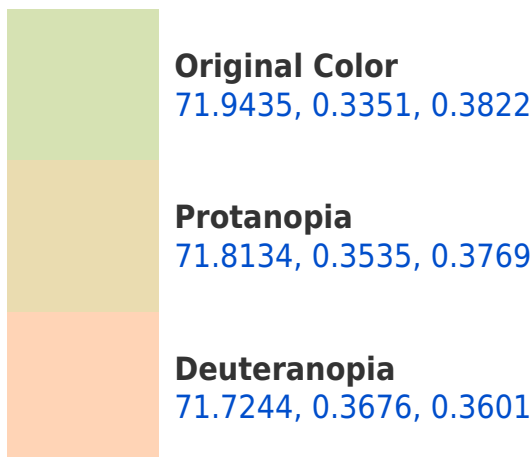


This preview shows how white text looks on a background with the Yxy color 71.9435, 0.3351, 0.3822.

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

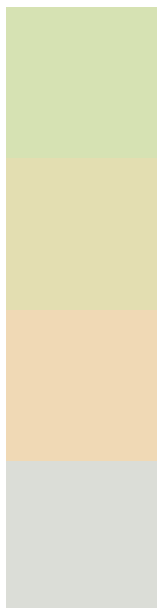




Tritanopia

71.7285, 0.3037, 0.3098

Trichromacy



Original Color

71.9435, 0.3351, 0.3822

Protanomaly

71.7478, 0.3470, 0.3787

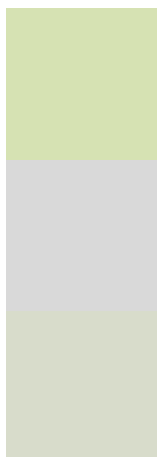
Deuteranomaly

71.4872, 0.3553, 0.3676

Tritanomaly

71.6793, 0.3153, 0.3356

Monochromacy



Original Color

71.9435, 0.3351, 0.3822

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.0971, 0.3212, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9435, 0.3351, 0.3822 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(214, 226, 179)` looks like.

```
.text, #text, p{  
    color:rgb(214, 226, 179)  
}
```

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(214, 226, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 226, 179) }
```

Border

The CSS property to change the border of an element to Yxy 71.9435, 0.3351, 0.3822 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(214, 226, 179) }
```

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

```
.border{ border-color:rgb(214, 226, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 226, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 226, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 226, 179);  
box-shadow:4px 4px 4px 4px rgb(214, 226,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9435, 0.3351, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 226, 179) }
```

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

```
.background{ background-color: rgb(214,  
226, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor