

Converting Colors

$Yxy(71.2773, 0.3330, 0.3861)$

Have a look what the booklet for
Yxy(71.2773, 0.3330, 0.3861)
contains.

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Color

Yxy(71.1223, 0.3327, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	D1E2B1
RGB	209, 226, 177
RGB Percent	82%, 89%, 69%
CMY	0.1804, 0.1137, 0.3059
CMYK	0.08, 0.00, 0.22, 0.11
HSL	81°, 46%, 79%
HSV	81°, 22%, 89%
XYZ	61.4288, 71.1223, 52.0862
YIQ	215.3310, 5.5970, -18.8430

Conversions

Conversions Part 2

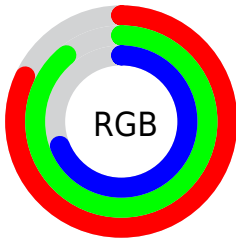
Format	Color
RYB	177, 226, 194
Decimal	13755057
CIELab	87.54, -14.02, 22.11
CIElCh	88, 26.176, 122.374
Yxy	71.1223, 0.3327, 0.3852
Android (android.graphics.Color)	4291945137 (0xFFD1E2B1)
YUV	215.3310, -18.8972, -5.5523
Hunter-Lab	84.3340, -17.5653, 22.4153

Details

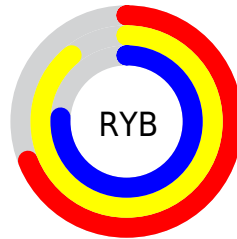
The Yxy color **71.1223, 0.3327, 0.3852** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.4056, 0.2893, 0.2709**, and the grayscale version is **68.3216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **37.4511, 0.3368, 0.4001** is the 20% darker color. If you saturate the color by 10%, you get **69.1822, 0.3415, 0.4131**, and if you desaturate by 10%, it is **73.2741, 0.3235, 0.3583**.

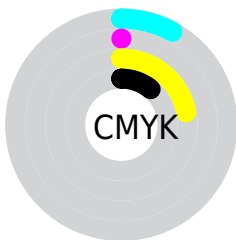
Distribution



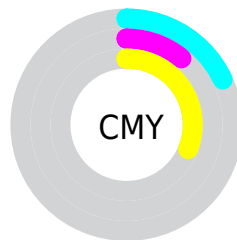
- Red (82%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)





- Cyan (18%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1223, 0.3327, 0.3852 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 71.1223, 0.3327, 0.3852 by changing the saturation by 10% instead.


 71.1223, 0.3327,
0.3852

 71.1223, 0.3327,
0.3852


464.4809, 0.3238,
0.3584

 52.4420, 0.3346,
0.3915


 120.8078, 0.3297,
0.3758

 37.3575, 0.3369,
0.3993


152.5819, 0.3285,
0.3722

 25.4844, 0.3397,
0.4094


189.4893, 0.3275,
0.3690

 16.4383, 0.3432,
0.4227

231.9145, 0.3266,
0.3664

 9.8349, 0.3475,
0.4412

280.2419, 0.3258,
0.3640

 5.2896, 0.3526,
0.4683

334.8558, 0.3250,

 2.4182, 0.3617,

0.3619

0.5167

396.1406, 0.3244,
0.3601

0.8352, 0.3510,
0.6490

0.0000, 0.0000,
0.0000

71.1223, 0.3327,
0.3852

71.1223, 0.3327,
0.3852

69.1822, 0.3415,
0.4131

73.2741, 0.3235,
0.3583

67.4363, 0.3496,
0.4413

75.6360, 0.3143,
0.3331

65.8790, 0.3564,
0.4686

78.2181, 0.3052,
0.3097

64.5007, 0.3613,
0.4940

80.2025, 0.3042,
0.3000

■ 63.2907, 0.3641,
0.5160

■ 81.6067, 0.3094,
0.3005

■ 62.2370, 0.3644,
0.5336

■ 82.8741, 0.3140,
0.3009

■ 61.3251, 0.3622,
0.5461

■ 60.6554, 0.3589,
0.5533

Harmonies

Analogous

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



71.1223, 0.3601, 0.3816



71.1223, 0.3327, 0.3852



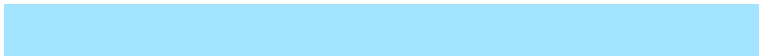
71.1223, 0.3009, 0.3716

Triad

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



71.1223, 0.3327, 0.3852



71.1223, 0.2539, 0.2902



71.1223, 0.3527, 0.3128

Complementary

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



71.1223, 0.3327, 0.3852



48.4056, 0.2893, 0.2709

Split Complementary

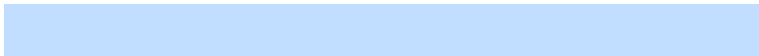
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1223, 0.3223, 0.2913



71.1223, 0.3327, 0.3852



71.1223, 0.2661, 0.2779

Square

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



71.1223, 0.3327, 0.3852



71.1223, 0.2565, 0.3143



71.1223, 0.2906, 0.2787



71.1223, 0.3724, 0.3389

Rectangle

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



71.1223, 0.3327, 0.3852



71.1223, 0.2816, 0.3545



71.1223, 0.2906, 0.2787



71.1223, 0.3433, 0.3049

Sweetspot

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



71.1254, 0.3327, 0.3852



97.7480, 0.3192, 0.3464



57.6326, 0.3527, 0.3478



20.8820, 0.3198, 0.3480



0.0000, 0.0000, 0.0000



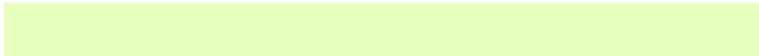
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1254, 0.3327, 0.3852



92.3383, 0.3367, 0.3977



67.9040, 0.3155, 0.3883



15.7793, 0.3214, 0.3525



34.6714, 0.3598, 0.5525



2.4524, 0.3691, 0.5452

Inverse Universe

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



48.4056, 0.2893, 0.2709



57.4375, 0.2836, 0.2575



51.8170, 0.3085, 0.2741



13.4732, 0.3034, 0.3051



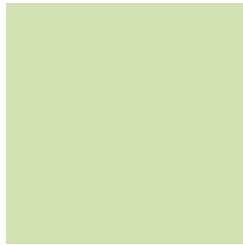
4.1252, 0.1767, 0.0747



0.3345, 0.1939, 0.0842

Previews

White Background



This preview shows how the Yxy color 71.1223, 0.3327, 0.3852 looks on a white background.

Color Contrast Check

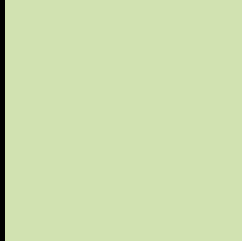
Large Text (above 18pt) WCAG AA × Fail

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 71.1223, 0.3327, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

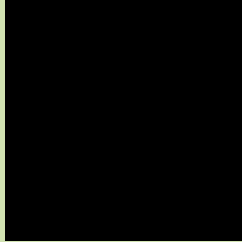
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

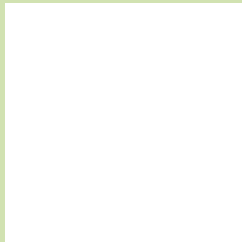
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1223, 0.3327, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 71.1223, 0.3327, 0.3852.

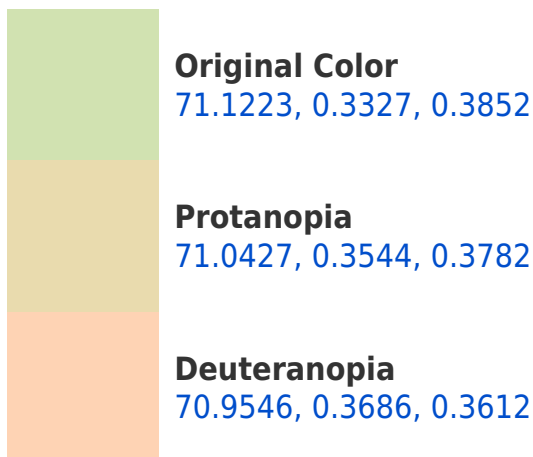


This preview shows how white text looks on a background with the Yxy color 71.1223, 0.3327, 0.3852.

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

70.8927, 0.3009, 0.3106

Trichromacy



Original Color

71.1223, 0.3327, 0.3852

Protanomaly

71.1850, 0.3460, 0.3813

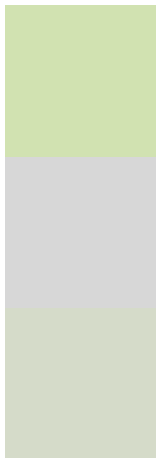
Deuteranomaly

70.5435, 0.3554, 0.3690

Tritanomaly

70.8641, 0.3124, 0.3368

Monochromacy



Original Color

71.1223, 0.3327, 0.3852

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.0262, 0.3204, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1223, 0.3327, 0.3852 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(209, 226, 177)` looks like.

```
.text, #text, p{  
    color:rgb(209, 226, 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(209, 226, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 226, 177) }
```

Border

The CSS property to change the border of an element to Yxy 71.1223, 0.3327, 0.3852 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(209, 226, 177) }
```

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

```
.border{ border-color:rgb(209, 226, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 226, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 226, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 226, 177);  
box-shadow:4px 4px 4px 4px rgb(209, 226,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1223, 0.3327, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 226, 177) }
```

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

```
.background{ background-color: rgb(209,  
226, 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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