

Converting Colors

$Yxy(72.0653, 0.3331, 0.3922)$

Have a look what the booklet for
Yxy(72.0653, 0.3331, 0.3922)
contains.

Yxy(72.3600, 0.3327, 0.3921)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.3600, 0.3327, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	CFE5AE
RGB	207, 229, 174
RGB Percent	81%, 90%, 68%
CMY	0.1881, 0.1020, 0.3176
CMYK	0.10, 0.00, 0.24, 0.10
HSL	84°, 51%, 79%
HSV	84°, 24%, 90%
XYZ	61.3980, 72.3600, 50.7867
YIQ	216.1520, 4.5430, -21.7690

Conversions

Conversions Part 2

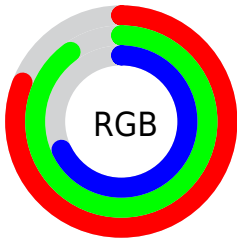
Format	Color
RYB	174, 229, 196
Decimal	13624750
CIELab	88.14, -16.66, 24.45
CIELCh	88, 29.587, 124.275
Yxy	72.3600, 0.3327, 0.3921
Android (android.graphics.Color)	4291814830 (0xFFCFE5AE)
YUV	216.1520, -20.7809, -8.0263
Hunter-Lab	85.0647, -20.0253, 24.1470

Details

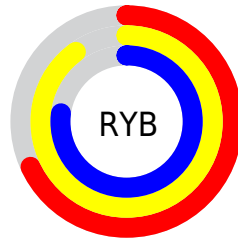
The Yxy color **72.3600, 0.3327, 0.3921** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.6741, 0.2887, 0.2644**, and the grayscale version is **68.9257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **38.3280, 0.3366, 0.4091** is the 20% darker color. If you saturate the color by 10%, you get **70.2640, 0.3405, 0.4207**, and if you desaturate by 10%, it is **74.6911, 0.3244, 0.3646**.

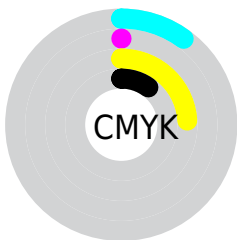
Distribution



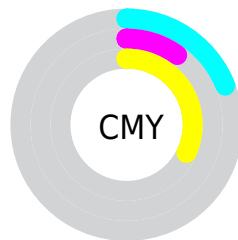
- Red (81%)
- Green (90%)
- Blue (68%)



- Red (68%)
- Yellow (90%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)




- Cyan (19%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3600, 0.3327, 0.3921 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 72.3600, 0.3327, 0.3921 by changing the saturation by 10% instead.

 72.3600, 0.3327,
0.3921

 72.3600, 0.3327,
0.3921


468.7937, 0.3240,
0.3620

 53.4528, 0.3345,
0.3992


 122.5682, 0.3298,
0.3815

 38.1644, 0.3367,
0.4079


154.6380, 0.3286,
0.3774

 26.1103, 0.3393,
0.4192


191.8642, 0.3276,
0.3740

 16.9062, 0.3424,
0.4342

234.6310, 0.3267,
0.3709

 10.1676, 0.3461,
0.4548

283.3230, 0.3259,
0.3683

 5.5102, 0.3501,
0.4849

338.3245, 0.3252,

 2.5496, 0.3583,

0.3660

0.5405

400.0199, 0.3245,
0.3639

0.9014, 0.3329,
0.6671

0.0000, 0.0000,
0.0000

72.3600, 0.3327,
0.3921

72.3600, 0.3327,
0.3921

70.2640, 0.3405,
0.4207

74.6911, 0.3244,
0.3646

68.3845, 0.3473,
0.4495

77.2561, 0.3161,
0.3388

66.7150, 0.3528,
0.4774

80.0662, 0.3078,
0.3150

65.2449, 0.3564,
0.5031

82.4256, 0.3063,
0.3033

■ 63.9624, 0.3578,
0.5252

■ 84.1007, 0.3124,
0.3037

■ 62.8540, 0.3566,
0.5426

■ 84.5173, 0.3139,
0.3039

■ 61.9036, 0.3532,
0.5547

■ 61.3950, 0.3504,
0.5600

Harmonies

Analogous

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



72.3600, 0.3641, 0.3888



72.3600, 0.3327, 0.3921



72.3600, 0.2971, 0.3756

Triad

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



72.3600, 0.3327, 0.3921



72.3600, 0.2475, 0.2841



72.3600, 0.3596, 0.3125

Complementary

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



72.3600, 0.3327, 0.3921



47.6741, 0.2887, 0.2644

Split Complementary

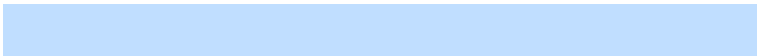
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3600, 0.3257, 0.2882



72.3600, 0.3327, 0.3921



72.3600, 0.2619, 0.2715

Square

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



72.3600, 0.3327, 0.3921



72.3600, 0.2492, 0.3101



72.3600, 0.2899, 0.2734



72.3600, 0.3807, 0.3416

Rectangle

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



72.3600, 0.3327, 0.3921



72.3600, 0.2758, 0.3557



72.3600, 0.2899, 0.2734



72.3600, 0.3492, 0.3036

Sweetspot

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



72.3632, 0.3327, 0.3921



97.5750, 0.3186, 0.3464



58.7885, 0.3572, 0.3530



20.8419, 0.3191, 0.3480



0.0000, 0.0000, 0.0000



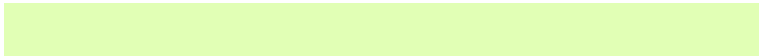
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3632, 0.3327, 0.3921



90.9368, 0.3368, 0.4068



68.8502, 0.3139, 0.3959



16.5148, 0.3206, 0.3527



35.1753, 0.3514, 0.5592



2.6530, 0.3611, 0.5515

Inverse Universe

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



47.6741, 0.2887, 0.2644



54.0792, 0.2824, 0.2490



51.5606, 0.3102, 0.2684



14.1668, 0.3043, 0.3051



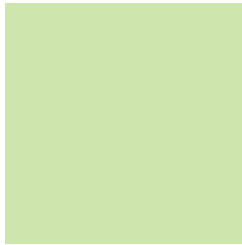
4.5873, 0.1847, 0.0791



0.3918, 0.2011, 0.0881

Previews

White Background



This preview shows how the Yxy color 72.3600, 0.3327, 0.3921 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 72.3600, 0.3327, 0.3921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

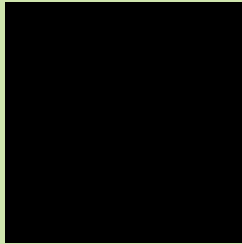
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

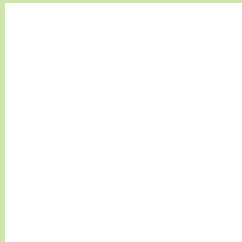
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3600, 0.3327, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 72.3600, 0.3327, 0.3921.

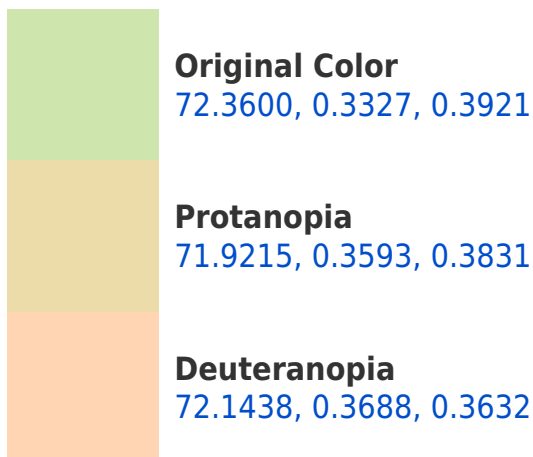


This preview shows how white text looks on a background with the Yxy color 72.3600, 0.3327, 0.3921.

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

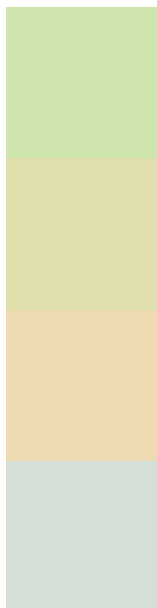




Tritanopia

71.9584, 0.2984, 0.3096

Trichromacy



Original Color

72.3600, 0.3327, 0.3921

Protanomaly

71.7232, 0.3493, 0.3867

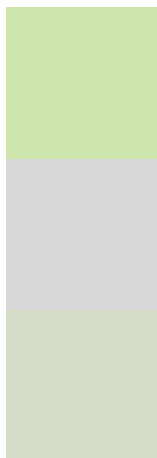
Deuteranomaly

72.0545, 0.3554, 0.3732

Tritanomaly

71.8278, 0.3109, 0.3379

Monochromacy



Original Color

72.3600, 0.3327, 0.3921

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

70.0761, 0.3203, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3600, 0.3327, 0.3921 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(207, 229, 174)` looks like.

```
.text, #text, p{  
    color:rgb(207, 229, 174)  
}
```

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(207, 229, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 229, 174) }
```

Border

The CSS property to change the border of an element to Yxy 72.3600, 0.3327, 0.3921 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(207, 229, 174) }
```

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

```
.border{ border-color:rgb(207, 229, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 229, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 229, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 229, 174);  
box-shadow:4px 4px 4px 4px rgb(207, 229,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3600, 0.3327, 0.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 229, 174) }
```

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

```
.background{ background-color: rgb(207,  
229, 174) }
```

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