

Converting Colors

$Yxy(73.1524, 0.3237, 0.3965)$

Have a look what the booklet for
Yxy(73.1524, 0.3237, 0.3965)
contains.

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Color

Yxy(73.1087, 0.3237, 0.3967)

Conversions

Conversions Part 1

Format	Color
Hex	C4E9AF
RGB	196, 233, 175
RGB Percent	77%, 91%, 69%
CMY	0.2311, 0.0863, 0.3137
CMYK	0.16, 0.00, 0.25, 0.09
HSL	98°, 57%, 80%
HSV	98°, 25%, 91%
XYZ	59.6554, 73.1087, 51.5281
YIQ	215.3250, -3.4340, -25.8820

Conversions

Conversions Part 2

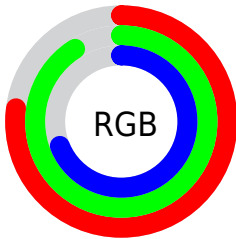
Format	Color
RYB	175, 233, 212
Decimal	12904879
CIELab	88.50, -22.33, 24.32
CIElCh	88, 33.016, 132.568
Yxy	73.1087, 0.3237, 0.3967
Android (android.graphics.Color)	4291094959 (0xFFC4E9AF)
YUV	215.3250, -19.8802, -16.9480
Hunter-Lab	85.5036, -25.0930, 24.1219

Details

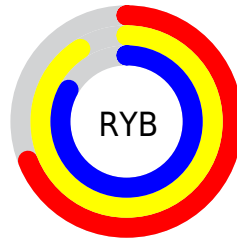
The Yxy color **73.1087, 0.3237, 0.3967** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **50.5323, 0.2985, 0.2638**, and the grayscale version is **68.3358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1722, 0.3255, 0.3523**, and **38.6002, 0.3259, 0.4139** is the 20% darker color. If you saturate the color by 10%, you get **70.3808, 0.3274, 0.4276**, and if you desaturate by 10%, it is **76.1976, 0.3195, 0.3677**.

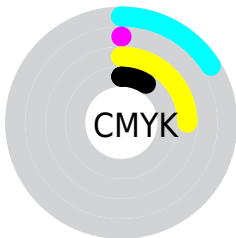
Distribution



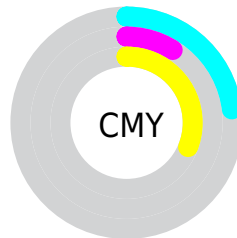
- Red (77%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (25%)
- Black (9%)





- Cyan (23%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1087, 0.3237, 0.3967 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 73.1087, 0.3237, 0.3967 by changing the saturation by 10% instead.


 73.1087, 0.3237,
0.3967

 73.1087, 0.3237,
0.3967

471.3915, 0.3193,
0.3643

 54.0648, 0.3245,
0.4044


 123.6315, 0.3223,
0.3852

 38.6535, 0.3254,
0.4140


155.8793, 0.3217,
0.3808

 26.4903, 0.3264,
0.4263


193.2971, 0.3212,
0.3771

 17.1908, 0.3273,
0.4427


236.2694, 0.3207,
0.3738

 10.3706, 0.3279,
0.4656

285.1806, 0.3203,
0.3710

 5.6454, 0.3274,
0.4993


340.4151, 0.3199,

 2.6307, 0.3268,


0.3685

0.5603


402.3573, 0.3196,
0.3663


 0.9421, 0.2704,
0.7296


 0.0000, 0.0000,
0.0000


 73.1087, 0.3237,
0.3967

 73.1087, 0.3237,
0.3967

 70.3808, 0.3274,
0.4276


 76.1976, 0.3195,
0.3677

 67.9907, 0.3303,
0.4595

 79.6511, 0.3150,
0.3411

 65.9267, 0.3319,
0.4911

 83.4845, 0.3104,
0.3170

 64.1729, 0.3320,
0.5206

 86.7514, 0.3137,
0.3078

■ 62.7116, 0.3303,
0.5462

■ 61.5231, 0.3269,
0.5663

■ 60.5842, 0.3219,
0.5798

■ 60.1853, 0.3192,
0.5848

Harmonies

Analogous

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



73.1087, 0.3610, 0.3986



73.1087, 0.3237, 0.3967



73.1087, 0.2849, 0.3726

Triad

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



73.1087, 0.3237, 0.3967



73.1087, 0.2433, 0.2736



73.1087, 0.3732, 0.3192

Complementary

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



73.1087, 0.3237, 0.3967



50.5323, 0.2985, 0.2638

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.



73.1087, 0.3382, 0.2905



73.1087, 0.3237, 0.3967



73.1087, 0.2636, 0.2645

Square

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



73.1087, 0.3237, 0.3967



73.1087, 0.2402, 0.2984



73.1087, 0.2978, 0.2709



73.1087, 0.3912, 0.3515

Rectangle

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



73.1087, 0.3237, 0.3967



73.1087, 0.2634, 0.3481



73.1087, 0.2978, 0.2709



73.1087, 0.3629, 0.3089

Sweetspot

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



73.1119, 0.3237, 0.3967



96.8108, 0.3159, 0.3466



67.3690, 0.3555, 0.3695



20.6650, 0.3162, 0.3482



0.0000, 0.0000, 0.0000



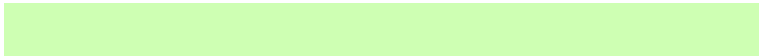
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1119, 0.3237, 0.3967



87.9174, 0.3257, 0.4128



70.7944, 0.3048, 0.3900



17.1284, 0.3170, 0.3530



34.2181, 0.3202, 0.5839



2.7397, 0.3310, 0.5754

Inverse Universe

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



50.5323, 0.2985, 0.2638



55.6256, 0.2947, 0.2491



53.4354, 0.3218, 0.2748



15.0244, 0.3080, 0.3054



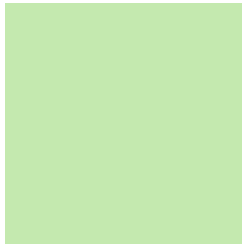
7.0026, 0.2316, 0.1049



0.6039, 0.2439, 0.1117

Previews

White Background



This preview shows how the Yxy color 73.1087, 0.3237, 0.3967 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 73.1087, 0.3237, 0.3967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

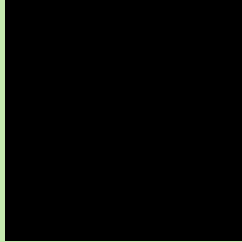
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

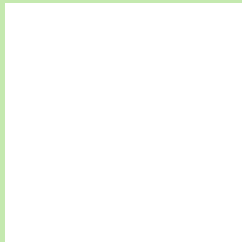
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1087, 0.3237, 0.3967

Background



This preview shows how black text looks on a background with the Yxy color 73.1087, 0.3237, 0.3967.

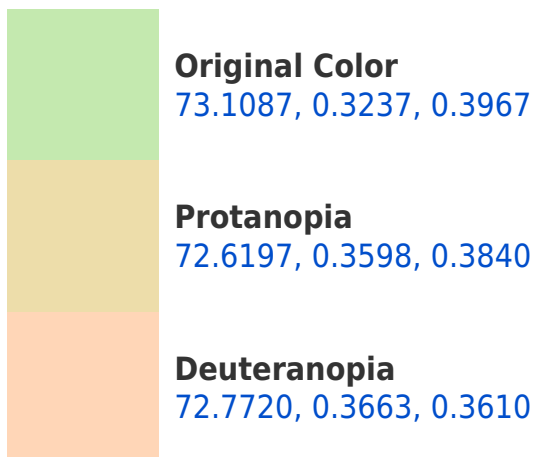


This preview shows how white text looks on a background with the Yxy color 73.1087, 0.3237, 0.3967.

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

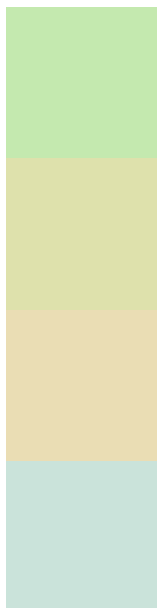




Tritanopia

72.8439, 0.2894, 0.3094

Trichromacy



Original Color

73.1087, 0.3237, 0.3967

Protanomaly

72.3586, 0.3459, 0.3881

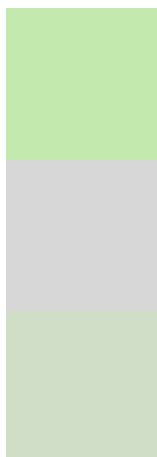
Deuteranomaly

72.5006, 0.3504, 0.3735

Tritanomaly

72.5567, 0.3014, 0.3391

Monochromacy



Original Color

73.1087, 0.3237, 0.3967

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.8226, 0.3172, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1087, 0.3237, 0.3967 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(196, 233, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 233, 175)  
}
```

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(196, 233, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 233, 175) }
```

Border

The CSS property to change the border of an element to Yxy 73.1087, 0.3237, 0.3967 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(196, 233, 175) }
```

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

```
.border{ border-color:rgb(196, 233, 175) }
```

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

Here you see how a box with a 4 pixel rgb(196, 233, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 233, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 233, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 233,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1087, 0.3237, 0.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 233, 175) }
```

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

```
.background{ background-color: rgb(196,  
233, 175) }
```

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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