

Converting Colors

$Yxy(72.4551, 0.3223, 0.3949)$

Have a look what the booklet for
Yxy(72.4551, 0.3223, 0.3949)
contains.

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Color

Yxy(72.4499, 0.3225, 0.3946)

Conversions

Conversions Part 1

Format	Color
Hex	C3E8B0
RGB	195, 232, 176
RGB Percent	76%, 91%, 69%
CMY	0.2350, 0.0902, 0.3098
CMYK	0.16, 0.00, 0.24, 0.09
HSL	100°, 55%, 80%
HSV	100°, 24%, 91%
XYZ	59.2121, 72.4499, 51.9414
YIQ	214.5530, -4.0760, -25.2600

Conversions

Conversions Part 2

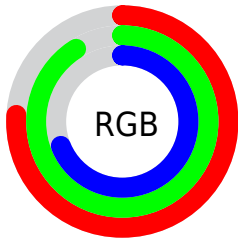
Format	Color
RYB	176, 232, 213
Decimal	12839088
CIELab	88.18, -22.04, 23.36
CIElCh	88, 32.114, 133.338
Yxy	72.4499, 0.3225, 0.3946
Android (android.graphics.Color)	4291029168 (0xFFC3E8B0)
YUV	214.5530, -19.0066, -17.1480
Hunter-Lab	85.1175, -24.7819, 23.4016

Details

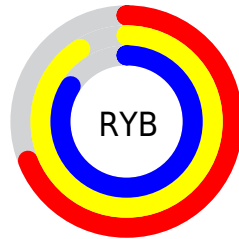
The Yxy color **72.4499, 0.3225, 0.3946** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.0156, 0.3000, 0.2662**, and the grayscale version is **67.7797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0416, 0.3243, 0.3514**, and **38.1434, 0.3244, 0.4113** is the 20% darker color. If you saturate the color by 10%, you get **69.6759, 0.3259, 0.4256**, and if you desaturate by 10%, it is **75.5959, 0.3186, 0.3656**.

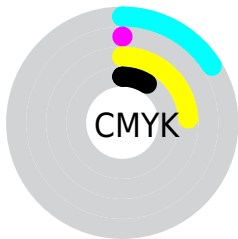
Distribution



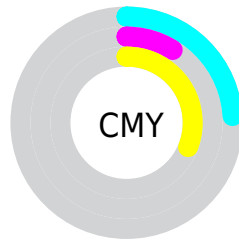
- Red (76%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)





- Cyan (24%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4499, 0.3225, 0.3946 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 72.4499, 0.3225, 0.3946 by changing the saturation by 10% instead.


 72.4499, 0.3225,
0.3946

 72.4499, 0.3225,
0.3946


469.1060, 0.3186,
0.3631

 53.5263, 0.3232,
0.4020


 122.6960, 0.3213,
0.3835

 38.2231, 0.3240,
0.4114


154.7872, 0.3208,
0.3792

 26.1559, 0.3248,
0.4234


192.0364, 0.3203,
0.3756

 16.9403, 0.3256,
0.4394

234.8280, 0.3199,
0.3724

 10.1919, 0.3260,
0.4618

283.5463, 0.3195,
0.3696

 5.5264, 0.3253,
0.4950

338.5759, 0.3192,

 2.5593, 0.3242,

0.3672

0.5546

400.3010, 0.3189,
0.3651

0.9062, 0.2629,
0.7371

0.0000, 0.0000,
0.0000

72.4499, 0.3225,
0.3946

72.4499, 0.3225,
0.3946

69.6759, 0.3259,
0.4256

75.5959, 0.3186,
0.3656

67.2504, 0.3285,
0.4577

79.1181, 0.3145,
0.3392

65.1613, 0.3299,
0.4897

83.0321, 0.3102,
0.3153

63.3920, 0.3299,
0.5197

86.1870, 0.3138,
0.3068

■ 61.9245, 0.3282,
0.5460

■ 60.7385, 0.3248,
0.5667

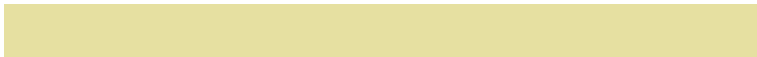
■ 59.8105, 0.3200,
0.5808

■ 59.3684, 0.3169,
0.5866

Harmonies

Analogous

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



72.4499, 0.3591, 0.3972



72.4499, 0.3225, 0.3946



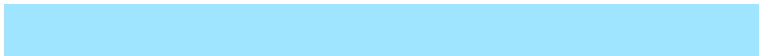
72.4499, 0.2847, 0.3706

Triad

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



72.4499, 0.3225, 0.3946



72.4499, 0.2452, 0.2745



72.4499, 0.3724, 0.3202

Complementary

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



72.4499, 0.3225, 0.3946



51.0156, 0.3000, 0.2662

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.



72.4499, 0.3386, 0.2920



72.4499, 0.3225, 0.3946



72.4499, 0.2655, 0.2660

Square

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



72.4499, 0.3225, 0.3946



72.4499, 0.2417, 0.2985



72.4499, 0.2991, 0.2726



72.4499, 0.3894, 0.3519

Rectangle

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



72.4499, 0.3225, 0.3946



72.4499, 0.2639, 0.3467



72.4499, 0.2991, 0.2726



72.4499, 0.3626, 0.3102

Sweetspot

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



72.4530, 0.3225, 0.3946



96.7383, 0.3157, 0.3466



67.5741, 0.3538, 0.3692



20.6482, 0.3159, 0.3482



0.0000, 0.0000, 0.0000



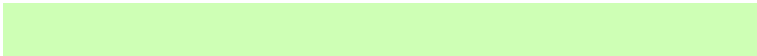
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4530, 0.3225, 0.3946



88.0125, 0.3243, 0.4099



70.4159, 0.3045, 0.3867



16.3264, 0.3167, 0.3529



33.0250, 0.3180, 0.5857



2.4902, 0.3293, 0.5768

Inverse Universe

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



51.0156, 0.3000, 0.2662



57.0819, 0.2967, 0.2522



53.5679, 0.3222, 0.2775



14.3567, 0.3084, 0.3054



7.0671, 0.2369, 0.1079



0.5730, 0.2493, 0.1147

Previews

White Background



This preview shows how the Yxy color 72.4499, 0.3225, 0.3946 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 72.4499, 0.3225, 0.3946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

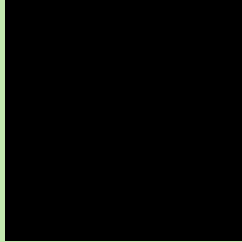
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

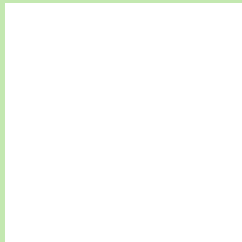
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4499, 0.3225, 0.3946

Background



This preview shows how black text looks on a background with the Yxy color 72.4499, 0.3225, 0.3946.

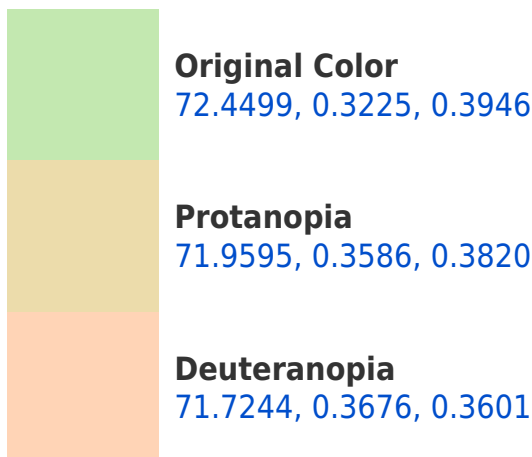


This preview shows how white text looks on a background with the Yxy color 72.4499, 0.3225, 0.3946.

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

72.1054, 0.2893, 0.3093

Trichromacy



Original Color

72.4499, 0.3225, 0.3946



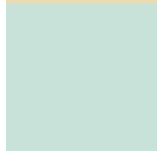
Protanomaly

71.7006, 0.3447, 0.3861



Deuteranomaly

71.2820, 0.3501, 0.3715



Tritanomaly

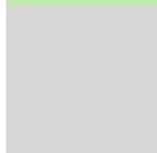
71.8200, 0.3013, 0.3391

Monochromacy



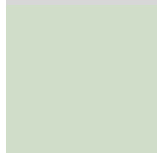
Original Color

72.4499, 0.3225, 0.3946



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.3398, 0.3166, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4499, 0.3225, 0.3946 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(195, 232, 176)` looks like.

```
.text, #text, p{  
    color:rgb(195, 232, 176)  
}
```

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(195, 232, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 232, 176) }
```

Border

The CSS property to change the border of an element to Yxy 72.4499, 0.3225, 0.3946 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(195, 232, 176) }
```

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

```
.border{ border-color:rgb(195, 232, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 232, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 232, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 232, 176); box-shadow:4px 4px 4px 4px rgb(195, 232, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4499, 0.3225, 0.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 232, 176) }
```

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

```
.background{ background-color: rgb(195,  
232, 176) }
```

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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