

Converting Colors

$Yxy(73.4579, 0.3238, 0.3941)$

Have a look what the booklet for
Yxy(73.4579, 0.3238, 0.3941)
contains.

Yxy(73.4579, 0.3238, 0.3941)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.4579, 0.3238, 0.3941)

Conversions

Conversions Part 1

Format	Color
Hex	C6E9B1
RGB	198, 233, 177
RGB Percent	78%, 91%, 69%
CMY	0.2237, 0.0862, 0.3060
CMYK	0.15, 0.00, 0.24, 0.09
HSL	98°, 56%, 80%
HSV	98°, 24%, 91%
XYZ	60.3544, 73.4579, 52.5818
YIQ	216.1510, -2.8840, -24.8360

Conversions

Conversions Part 2

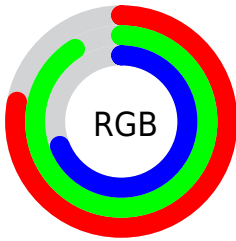
Format	Color
RYB	177, 233, 212
Decimal	13035953
CIELab	88.67, -21.38, 23.55
CIELCh	89, 31.808, 132.245
Yxy	73.4579, 0.3238, 0.3941
Android (android.graphics.Color)	4291226033 (0xFFC6E9B1)
YUV	216.1510, -19.3014, -15.9184
Hunter-Lab	85.7076, -24.2904, 23.6208

Details

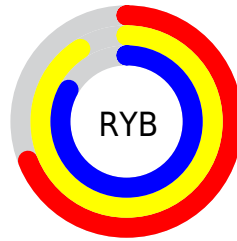
The Yxy color **73.4579, 0.3238, 0.3941** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.3229, 0.2986, 0.2661**, and the grayscale version is **68.9096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **38.8288, 0.3261, 0.4103** is the 20% darker color. If you saturate the color by 10%, you get **70.7240, 0.3277, 0.4248**, and if you desaturate by 10%, it is **76.5475, 0.3193, 0.3653**.

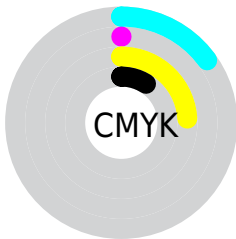
Distribution



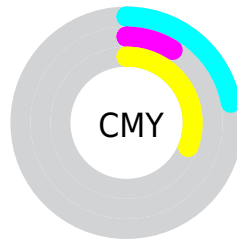
- Red (78%)
- Green (91%)
- Blue (69%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)




- Cyan (22%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4579, 0.3238, 0.3941 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 73.4579, 0.3238, 0.3941 by changing the saturation by 10% instead.


 73.4579, 0.3238,
0.3941

 73.4579, 0.3238,
0.3941

472.6003, 0.3193,
0.3630

 54.3505, 0.3247,
0.4014


 124.1270, 0.3224,
0.3831

 38.8819, 0.3256,
0.4106

156.4575, 0.3218,
0.3789

 26.6679, 0.3267,
0.4224


193.9645, 0.3212,
0.3753

 17.3239, 0.3277,
0.4381

237.0323, 0.3208,
0.3722

 10.4657, 0.3286,
0.4600

286.0454, 0.3203,
0.3694

 5.7088, 0.3286,
0.4921

341.3882, 0.3200,

 2.6688, 0.3278,

0.3670

0.5482

403.4450, 0.3196,
0.3649

0.9614, 0.2885,
0.7115

0.0000, 0.0000,
0.0000

73.4579, 0.3238,
0.3941

73.4579, 0.3238,
0.3941

70.7240, 0.3277,
0.4248

76.5475, 0.3193,
0.3653

68.3227, 0.3309,
0.4565

79.9957, 0.3146,
0.3390

66.2429, 0.3328,
0.4880

83.8179, 0.3099,
0.3151

64.4691, 0.3331,
0.5176

86.7667, 0.3137,
0.3078

■ 62.9841, 0.3317,
0.5434

■ 61.7689, 0.3284,
0.5639

■ 60.8011, 0.3236,
0.5780

■ 60.3252, 0.3203,
0.5839

Harmonies

Analogous

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



73.4579, 0.3596, 0.3959



73.4579, 0.3238, 0.3941



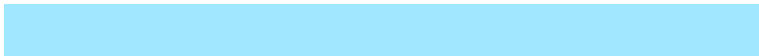
73.4579, 0.2864, 0.3712

Triad

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



73.4579, 0.3238, 0.3941



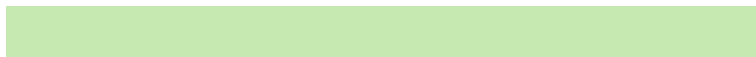
73.4579, 0.2457, 0.2759



73.4579, 0.3706, 0.3193

Complementary

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



73.4579, 0.3238, 0.3941



51.3229, 0.2986, 0.2661

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.



73.4579, 0.3368, 0.2916



73.4579, 0.3238, 0.3941



73.4579, 0.2652, 0.2668

Square

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



73.4579, 0.3238, 0.3941



73.4579, 0.2428, 0.3000



73.4579, 0.2980, 0.2728



73.4579, 0.3881, 0.3505

Rectangle

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



73.4579, 0.3238, 0.3941



73.4579, 0.2655, 0.3478



73.4579, 0.2980, 0.2728



73.4579, 0.3607, 0.3094

Sweetspot

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



73.4611, 0.3238, 0.3941



96.8466, 0.3161, 0.3466



67.3550, 0.3541, 0.3671



20.6732, 0.3163, 0.3481



0.0000, 0.0000, 0.0000



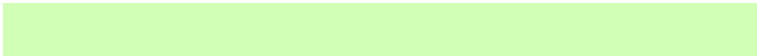
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4611, 0.3238, 0.3941



88.3758, 0.3259, 0.4095



71.0721, 0.3056, 0.3888



17.1369, 0.3172, 0.3530



34.2897, 0.3214, 0.5830



2.7459, 0.3322, 0.5744

Inverse Universe

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



51.3229, 0.2986, 0.2661



56.6693, 0.2948, 0.2518



54.2804, 0.3207, 0.2757



15.0157, 0.3078, 0.3054



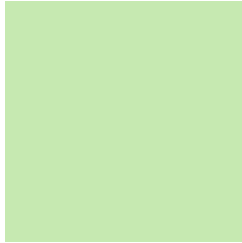
6.8659, 0.2290, 0.1035



0.5937, 0.2417, 0.1105

Previews

White Background



This preview shows how the Yxy color 73.4579, 0.3238, 0.3941 looks on a white background.

Color Contrast Check

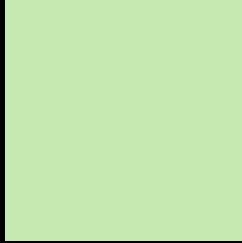
Large Text (above 18pt) WCAG AA × Fail

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 73.4579, 0.3238, 0.3941 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

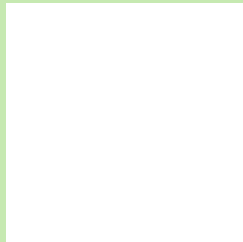
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4579, 0.3238, 0.3941

Background



This preview shows how black text looks on a background with the Yxy color 73.4579, 0.3238, 0.3941.

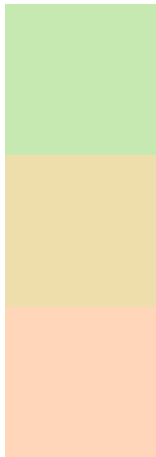


This preview shows how white text looks on a background with the Yxy color 73.4579, 0.3238, 0.3941.

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



Original Color

73.4579, 0.3238, 0.3941

Protanopia

73.2256, 0.3581, 0.3828

Deuteranopia

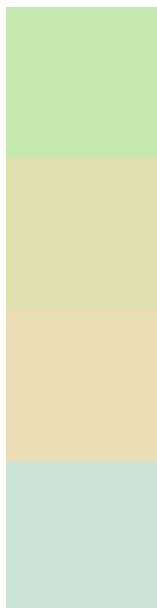
72.8559, 0.3648, 0.3590



Tritanopia

73.1320, 0.2907, 0.3095

Trichromacy



Original Color

73.4579, 0.3238, 0.3941

Protanomaly

73.1367, 0.3451, 0.3867

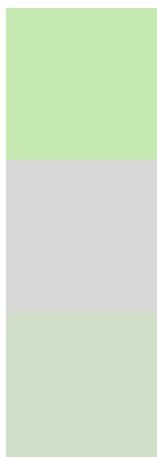
Deuteranomaly

72.5827, 0.3490, 0.3713

Tritanomaly

72.8375, 0.3027, 0.3391

Monochromacy



Original Color

73.4579, 0.3238, 0.3941

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

70.0621, 0.3166, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4579, 0.3238, 0.3941 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(198, 233, 177)` looks like.

```
.text, #text, p{  
    color:rgb(198, 233, 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(198, 233, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 233, 177) }
```

Border

The CSS property to change the border of an element to Yxy 73.4579, 0.3238, 0.3941 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(198, 233, 177) }
```

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

```
.border{ border-color:rgb(198, 233, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 233, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 233, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 233, 177);  
box-shadow:4px 4px 4px 4px rgb(198, 233,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4579, 0.3238, 0.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 233, 177) }
```

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

```
.background{ background-color: rgb(198,  
233, 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](#).

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