

Converting Colors

$Yxy(73.5858, 0.2986, 0.3643)$

Have a look what the booklet for
Yxy(73.5858, 0.2986, 0.3643)
contains.

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Color

Yxy(73.5196, 0.2987, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	B9EACC
RGB	185, 234, 204
RGB Percent	73%, 92%, 80%
CMY	0.2744, 0.0823, 0.2001
CMYK	0.21, 0.00, 0.13, 0.08
HSL	143°, 54%, 82%
HSV	143°, 21%, 92%
XYZ	60.3305, 73.5196, 68.1268
YIQ	215.9290, -19.5740, -19.7180

Conversions

Conversions Part 2

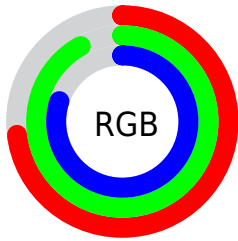
Format	Color
RYB	185, 220, 234
Decimal	12184268
CIELab	88.69, -21.57, 9.45
CIELCh	89, 23.546, 156.343
Yxy	73.5196, 0.2987, 0.3640
Android (android.graphics.Color)	4290374348 (0xFFB9EACC)
YUV	215.9290, -5.8810, -27.1247
Hunter-Lab	85.7436, -24.4559, 12.9121

Details

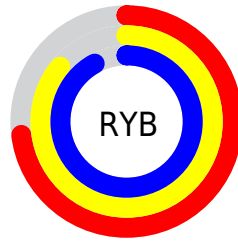
The Yxy color **73.5196, 0.2987, 0.3640** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.1059, 0.3299, 0.2964**, and the grayscale version is **68.6722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **38.8681, 0.2949, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **70.1909, 0.2925, 0.3837**, and if you desaturate by 10%, it is **77.3968, 0.3053, 0.3462**.

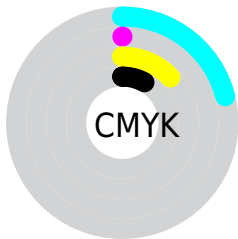
Distribution



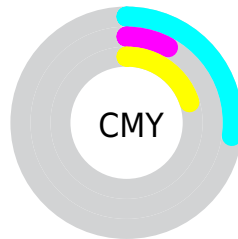
- Red (73%)
- Green (92%)
- Blue (80%)



- Red (73%)
- Yellow (86%)
- Blue (92%)



- Cyan (21%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)





- Cyan (27%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5196, 0.2987, 0.3640 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 73.5196, 0.2987, 0.3640 by changing the saturation by 10% instead.


 73.5196, 0.2987,
0.3640

 73.5196, 0.2987,
0.3640


472.8137, 0.3054,
0.3474

 54.4009, 0.2971,
0.3679

 124.2146, 0.3011,
0.3582

 38.9223, 0.2951,
0.3728


156.5597, 0.3020,
0.3559

 26.6993, 0.2926,
0.3790


194.0824, 0.3027,
0.3540

 17.3475, 0.2892,
0.3874

237.1671, 0.3034,
0.3523

 10.4826, 0.2844,
0.3990

286.1981, 0.3040,
0.3509

 5.7201, 0.2772,
0.4165


341.5600, 0.3045,


 2.6756, 0.2653,


0.3496


0.4453


403.6371, 0.3050,
0.3484


 0.9648, 0.2231,
0.5543


 0.0000, 0.0000,
0.0000


 73.5196, 0.2987,
0.3640


 73.5196, 0.2987,
0.3640


 70.1909, 0.2925,
0.3837


 77.3968, 0.3053,
0.3462

 67.3763, 0.2869,
0.4052

 81.8367, 0.3121,
0.3304

 65.0518, 0.2823,
0.4281

 86.8230, 0.3187,
0.3164

 63.1876, 0.2791,
0.4520

 87.3274, 0.3137,
0.3088

■ 61.7507, 0.2775,
0.4761

■ 60.7034, 0.2778,
0.4995

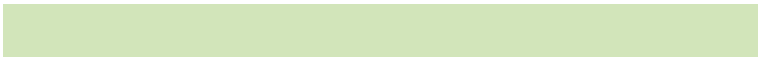
■ 60.0007, 0.2799,
0.5213

■ 59.5960, 0.2831,
0.5391

Harmonies

Analogous

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



73.5196, 0.3270, 0.3780



73.5196, 0.2987, 0.3640



73.5196, 0.2749, 0.3394

Triad

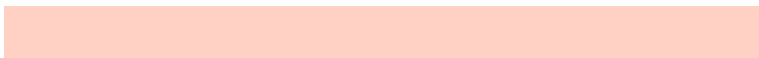
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5196, 0.2987, 0.3640



73.5196, 0.2734, 0.2828



73.5196, 0.3669, 0.3412

Complementary

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



73.5196, 0.2987, 0.3640



57.1059, 0.3299, 0.2964

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.



73.5196, 0.3513, 0.3176



73.5196, 0.2987, 0.3640



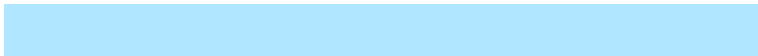
73.5196, 0.2966, 0.2848

Square

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



73.5196, 0.2987, 0.3640



73.5196, 0.2609, 0.2924



73.5196, 0.3252, 0.2974



73.5196, 0.3672, 0.3630

Rectangle

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



73.5196, 0.2987, 0.3640



73.5196, 0.2645, 0.3213



73.5196, 0.3252, 0.2974



73.5196, 0.3633, 0.3333

Sweetspot

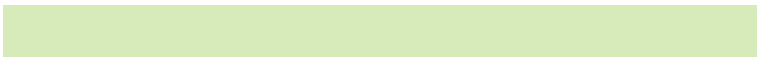
The Sweet Spot groups the original color and five complimentary colors.



73.5227, 0.2987, 0.3640



96.6236, 0.3086, 0.3382



76.8321, 0.3308, 0.3835



20.6061, 0.3082, 0.3393



0.0000, 0.0000, 0.0000



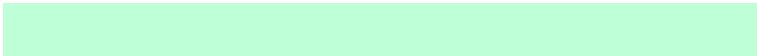
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5227, 0.2987, 0.3640



87.5833, 0.2960, 0.3720



74.7812, 0.2847, 0.3354



16.9587, 0.3063, 0.3438



33.5116, 0.2823, 0.5361



2.6498, 0.2745, 0.5082

Inverse Universe

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



57.1059, 0.3299, 0.2964



64.3617, 0.3341, 0.2896



55.9476, 0.3499, 0.3228



15.2092, 0.3197, 0.3147



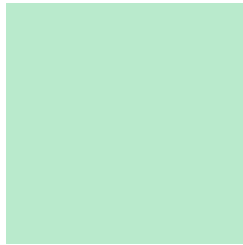
10.9763, 0.4486, 0.2245



0.8806, 0.4261, 0.2121

Previews

White Background



This preview shows how the Yxy color 73.5196, 0.2987, 0.3640 looks on a white background.

Color Contrast Check

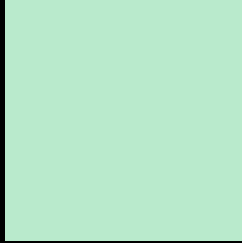
Large Text (above 18pt) WCAG AA × Fail

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 73.5196, 0.2987, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

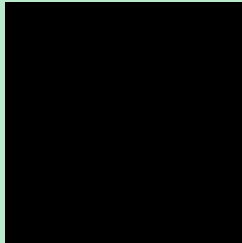
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

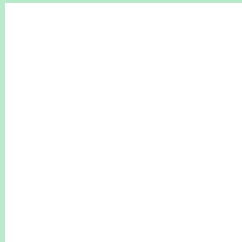
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5196, 0.2987, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 73.5196, 0.2987, 0.3640.

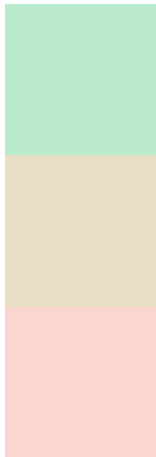


This preview shows how white text looks on a background with the Yxy color 73.5196, 0.2987, 0.3640.

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

73.5196, 0.2987, 0.3640

Protanopia

72.8999, 0.3370, 0.3550

Deuteranopia

72.7869, 0.3432, 0.3353



Tritanopia

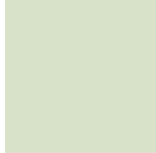
73.4781, 0.2792, 0.3091

Trichromacy



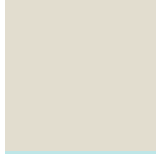
Original Color

73.5196, 0.2987, 0.3640



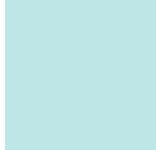
Protanomaly

73.0099, 0.3219, 0.3580



Deuteranomaly

72.3866, 0.3257, 0.3443



Tritanomaly

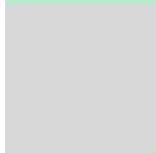
73.3103, 0.2860, 0.3278

Monochromacy



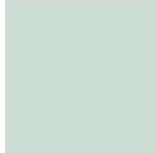
Original Color

73.5196, 0.2987, 0.3640



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.5080, 0.3072, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5196, 0.2987, 0.3640 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(185, 234, 204)` looks like.

```
.text, #text, p{  
    color:rgb(185, 234, 204)  
}
```

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(185, 234, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 234, 204) }
```

Border

The CSS property to change the border of an element to Yxy 73.5196, 0.2987, 0.3640 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(185, 234, 204) }
```

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

```
.border{ border-color:rgb(185, 234, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 234, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 234, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 234, 204);  
box-shadow:4px 4px 4px 4px rgb(185, 234,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5196, 0.2987, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 234, 204) }
```

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

```
.background{ background-color: rgb(185,  
234, 204) }
```

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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