

Converting Colors

$Yxy(72.9739, 0.2996, 0.3671)$

Have a look what the booklet for
Yxy(72.9739, 0.2996, 0.3671)
contains.

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Color

Yxy(73.2530, 0.2998, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	B8EAC9
RGB	184, 234, 201
RGB Percent	72%, 92%, 79%
CMY	0.2785, 0.0823, 0.2118
CMYK	0.21, 0.00, 0.14, 0.08
HSL	140°, 54%, 82%
HSV	140°, 21%, 92%
XYZ	59.7260, 73.2530, 66.2405
YIQ	215.2880, -19.2070, -20.8630

Conversions

Conversions Part 2

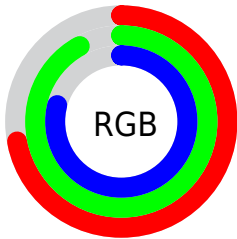
Format	Color
RYB	184, 221, 234
Decimal	12118729
CIELab	88.57, -22.46, 10.82
CIELCh	89, 24.933, 154.272
Yxy	73.2530, 0.2998, 0.3677
Android (android.graphics.Color)	4290308809 (0xFFB8EAC9)
YUV	215.2880, -7.0440, -27.4396
Hunter-Lab	85.5880, -25.2160, 14.0243

Details

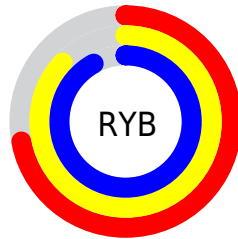
The Yxy color **73.2530, 0.2998, 0.3677** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.7737, 0.3285, 0.2932**, and the grayscale version is **68.2163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **38.6932, 0.2964, 0.3773** is the 20% darker color. If you saturate the color by 10%, you get **69.9110, 0.2942, 0.3891**, and if you desaturate by 10%, it is **77.1522, 0.3058, 0.3484**.

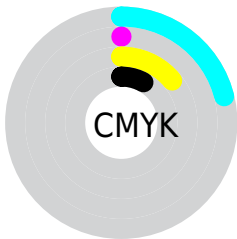
Distribution



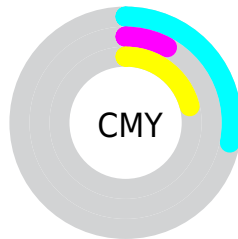
- Red (72%)
- Green (92%)
- Blue (79%)



- Red (72%)
- Yellow (87%)
- Blue (92%)



- Cyan (21%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)





- Cyan (28%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2530, 0.2998, 0.3677 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 73.2530, 0.2998, 0.3677 by changing the saturation by 10% instead.

 73.2530, 0.2998,
0.3677

 73.2530, 0.2998,
0.3677


471.8912, 0.3060,
0.3493

 54.1829, 0.2983,
0.3720


 123.8363, 0.3020,
0.3612

 38.7479, 0.2964,
0.3775


156.1183, 0.3029,
0.3587

 26.5636, 0.2940,
0.3844


193.5730, 0.3036,
0.3566

 17.2458, 0.2908,
0.3938

236.5848, 0.3042,
0.3547

 10.4099, 0.2862,
0.4068

285.5381, 0.3047,
0.3531

 5.6716, 0.2791,
0.4264


340.8174, 0.3052,

 2.6464, 0.2672,


0.3517


0.4589


402.8069, 0.3056,
0.3504


 0.9501, 0.2237,
0.6015


 0.0000, 0.0000,
0.0000


 73.2530, 0.2998,
0.3677


 73.2530, 0.2998,
0.3677


 69.9110, 0.2942,
0.3891


 77.1522, 0.3058,
0.3484


 67.0914, 0.2891,
0.4124

 81.6233, 0.3119,
0.3312

 64.7695, 0.2850,
0.4373

 86.6920, 0.3179,
0.3161

 62.9150, 0.2822,
0.4630

 87.3327, 0.3137,
0.3088

■ 61.4941, 0.2810,
0.4886

■ 60.4681, 0.2815,
0.5131

■ 59.7913, 0.2837,
0.5354

■ 59.4255, 0.2867,
0.5521

Harmonies

Analogous

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



73.2530, 0.3298, 0.3815



73.2530, 0.2998, 0.3677



73.2530, 0.2741, 0.3419

Triad

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



73.2530, 0.2998, 0.3677



73.2530, 0.2698, 0.2804



73.2530, 0.3696, 0.3401

Complementary

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



73.2530, 0.2998, 0.3677



56.7737, 0.3285, 0.2932

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.



73.2530, 0.3520, 0.3152



73.2530, 0.2998, 0.3677



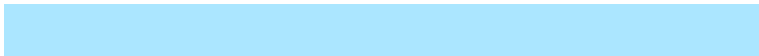
73.2530, 0.2937, 0.2818

Square

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



73.2530, 0.2998, 0.3677



73.2530, 0.2575, 0.2914



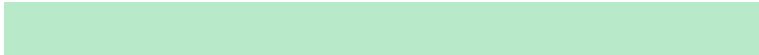
73.2530, 0.3238, 0.2944



73.2530, 0.3710, 0.3635

Rectangle

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



73.2530, 0.2998, 0.3677



73.2530, 0.2626, 0.3227



73.2530, 0.3238, 0.2944



73.2530, 0.3654, 0.3317

Sweetspot

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



73.2561, 0.2998, 0.3677



96.5794, 0.3090, 0.3389



77.1149, 0.3329, 0.3844



20.5956, 0.3086, 0.3401



0.0000, 0.0000, 0.0000



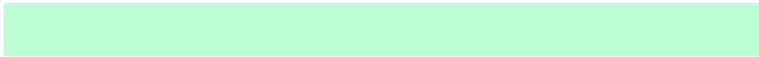
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2561, 0.2998, 0.3677



87.0158, 0.2971, 0.3776



74.5127, 0.2856, 0.3384



16.9467, 0.3069, 0.3449



33.4111, 0.2859, 0.5493



2.6410, 0.2781, 0.5212

Inverse Universe

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



56.7737, 0.3285, 0.2932



63.3785, 0.3328, 0.2850



55.5837, 0.3488, 0.3198



15.2217, 0.3190, 0.3136



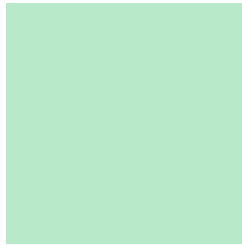
11.1735, 0.4298, 0.2141



0.8953, 0.4108, 0.2037

Previews

White Background



This preview shows how the Yxy color 73.2530, 0.2998, 0.3677 looks on a white background.

Color Contrast Check

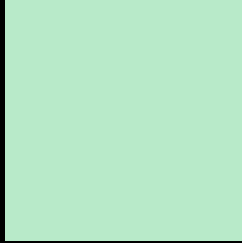
Large Text (above 18pt) WCAG AA × Fail

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 73.2530, 0.2998, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

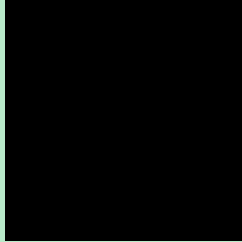
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

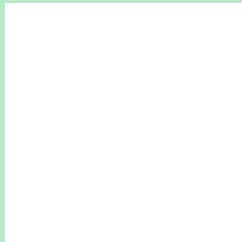
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2530, 0.2998, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 73.2530, 0.2998, 0.3677.

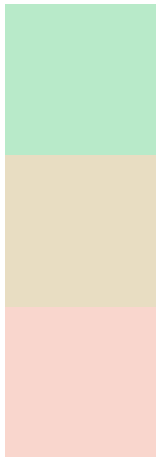


This preview shows how white text looks on a background with the Yxy color 73.2530, 0.2998, 0.3677.

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

73.2530, 0.2998, 0.3677

Protanopia

72.7637, 0.3391, 0.3583

Deuteranopia

72.6406, 0.3454, 0.3384



Tritanopia

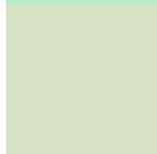
73.3471, 0.2786, 0.3091

Trichromacy



Original Color

73.2530, 0.2998, 0.3677



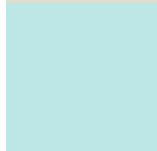
Protanomaly

72.8710, 0.3239, 0.3614



Deuteranomaly

72.0801, 0.3270, 0.3476



Tritanomaly

73.1256, 0.2859, 0.3289

Monochromacy



Original Color

73.2530, 0.2998, 0.3677



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.7331, 0.3079, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2530, 0.2998, 0.3677 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(184, 234, 201)` looks like.

```
.text, #text, p{  
    color:rgb(184, 234, 201)  
}
```

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(184, 234, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 234, 201) }
```

Border

The CSS property to change the border of an element to Yxy 73.2530, 0.2998, 0.3677 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(184, 234, 201) }
```

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

```
.border{ border-color:rgb(184, 234, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 234, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 234, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 234, 201);  
box-shadow:4px 4px 4px 4px rgb(184, 234,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2530, 0.2998, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 234, 201) }
```

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

```
.background{ background-color: rgb(184,  
234, 201) }
```

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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