

Converting Colors

$Yxy(73.0886, 0.2972, 0.3725)$

Have a look what the booklet for
Yxy(73.0886, 0.2972, 0.3725)
contains.

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Color

Yxy(73.0052, 0.2972, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	B2EBC7
RGB	178, 235, 199
RGB Percent	70%, 92%, 78%
CMY	0.3020, 0.0784, 0.2197
CMYK	0.24, 0.00, 0.15, 0.08
HSL	142°, 59%, 81%
HSV	142°, 24%, 92%
XYZ	58.3727, 73.0052, 65.0310
YIQ	213.8530, -22.4160, -23.2800

Conversions

Conversions Part 2

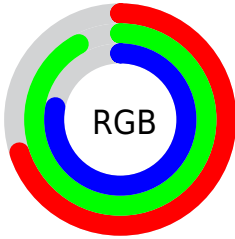
Format	Color
RYB	178, 220, 235
Decimal	11725767
CIELab	88.45, -25.21, 11.66
CIELCh	88, 27.776, 155.185
Yxy	73.0052, 0.2972, 0.3717
Android (android.graphics.Color)	4289915847 (0xFFB2EBC7)
YUV	213.8530, -7.3225, -31.4431
Hunter-Lab	85.4431, -27.5783, 14.6844

Details

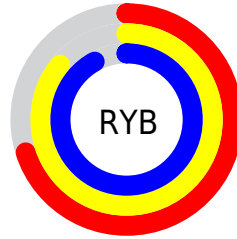
The Yxy color **73.0052, 0.2972, 0.3717** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.3570, 0.3324, 0.2899**, and the grayscale version is **67.2017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **38.5696, 0.2931, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **69.8061, 0.2914, 0.3927**, and if you desaturate by 10%, it is **76.7540, 0.3035, 0.3527**.

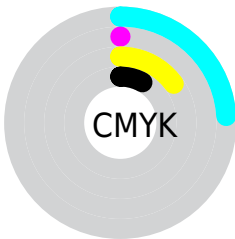
Distribution



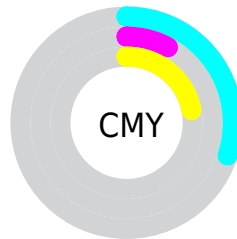
- Red (70%)
- Green (92%)
- Blue (78%)



- Red (70%)
- Yellow (86%)
- Blue (92%)



- Cyan (24%)
- Magenta (0%)
- Yellow (15%)
- Black (8%)





- Cyan (30%)
- Magenta (8%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0052, 0.2972, 0.3717 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 73.0052, 0.2972, 0.3717 by changing the saturation by 10% instead.

 73.0052, 0.2972,
0.3717

 73.0052, 0.2972,
0.3717

471.0328, 0.3047,
0.3513

 53.9802, 0.2954,
0.3765


 123.4846, 0.2999,
0.3645

 38.5858, 0.2932,
0.3826

155.7078, 0.3009,
0.3617

 26.4377, 0.2903,
0.3903


193.0992, 0.3017,
0.3594

 17.1514, 0.2863,
0.4008

236.0432, 0.3025,
0.3573

 10.3425, 0.2808,
0.4154

284.9241, 0.3031,
0.3555

 5.6266, 0.2723,
0.4374


340.1265, 0.3037,

 2.6194, 0.2579,


0.3540


0.4741


402.0346, 0.3042,
0.3526

 0.9364, 0.1936,
0.6624


 0.0000, 0.0000,
0.0000

 73.0052, 0.2972,
0.3717


 73.0052, 0.2972,
0.3717


 69.8061, 0.2914,
0.3927


 76.7540, 0.3035,
0.3527


 67.1212, 0.2863,
0.4154


 81.0676, 0.3099,
0.3357

 64.9252, 0.2823,
0.4395

 85.9720, 0.3164,
0.3206


 63.1870, 0.2797,
0.4643

 87.9021, 0.3136,
0.3097

 61.8713, 0.2788,
0.4889

 60.9379, 0.2798,
0.5123

 60.3378, 0.2825,
0.5336

 60.1019, 0.2846,
0.5446

Harmonies

Analogous

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



73.0052, 0.3306, 0.3877



73.0052, 0.2972, 0.3717



73.0052, 0.2690, 0.3424

Triad

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



73.0052, 0.2972, 0.3717



73.0052, 0.2657, 0.2749



73.0052, 0.3766, 0.3419

Complementary

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



73.0052, 0.2972, 0.3717



54.3570, 0.3324, 0.2899

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.



73.0052, 0.3574, 0.3144



73.0052, 0.2972, 0.3717



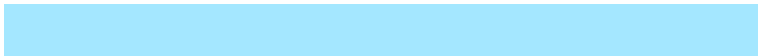
73.0052, 0.2924, 0.2770

Square

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



73.0052, 0.2972, 0.3717



73.0052, 0.2516, 0.2864



73.0052, 0.3260, 0.2912



73.0052, 0.3775, 0.3678

Rectangle

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



73.0052, 0.2972, 0.3717



73.0052, 0.2566, 0.3208



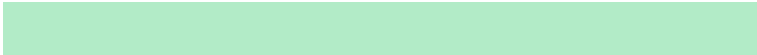
73.0052, 0.3260, 0.2912



73.0052, 0.3720, 0.3326

Sweetspot

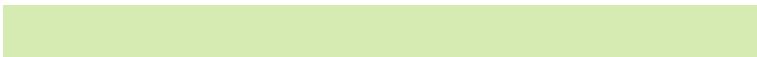
The Sweet Spot groups the original color and five complimentary colors.



73.0083, 0.2972, 0.3717



96.0650, 0.3081, 0.3402



76.9476, 0.3343, 0.3927



20.4927, 0.3077, 0.3412



0.0000, 0.0000, 0.0000



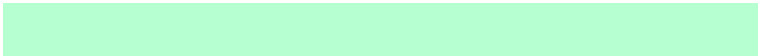
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0083, 0.2972, 0.3717



85.9169, 0.2943, 0.3817



74.4545, 0.2811, 0.3376



16.9538, 0.3066, 0.3443



33.4689, 0.2838, 0.5416



2.6461, 0.2760, 0.5136

Inverse Universe

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



54.3570, 0.3324, 0.2899



59.9176, 0.3373, 0.2817



53.0285, 0.3568, 0.3206



15.2143, 0.3194, 0.3142



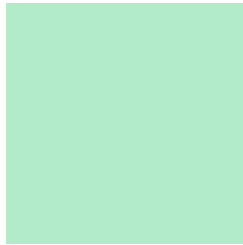
11.0543, 0.4409, 0.2202



0.8865, 0.4198, 0.2086

Previews

White Background



This preview shows how the Yxy color 73.0052, 0.2972, 0.3717 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 73.0052, 0.2972, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

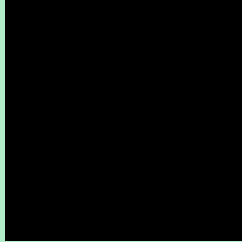
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

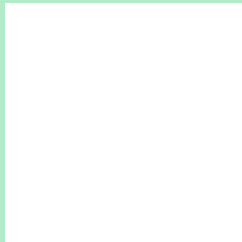
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0052, 0.2972, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 73.0052, 0.2972, 0.3717.

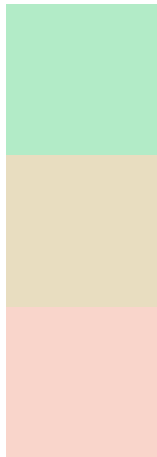


This preview shows how white text looks on a background with the Yxy color 73.0052, 0.2972, 0.3717.

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

73.0052, 0.2972, 0.3717

Protanopia

72.6745, 0.3405, 0.3605

Deuteranopia

72.0400, 0.3470, 0.3395



Tritanopia

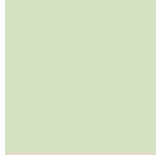
72.7670, 0.2751, 0.3078

Trichromacy



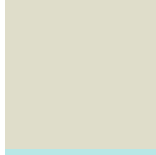
Original Color

73.0052, 0.2972, 0.3717



Protanomaly

72.3299, 0.3230, 0.3640



Deuteranomaly

71.6651, 0.3269, 0.3499



Tritanomaly

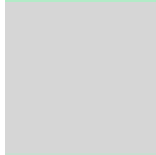
73.0553, 0.2829, 0.3301

Monochromacy



Original Color

73.0052, 0.2972, 0.3717



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.2635, 0.3064, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0052, 0.2972, 0.3717 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(178, 235, 199)` looks like.

```
.text, #text, p{  
    color:rgb(178, 235, 199)  
}
```

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(178, 235, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 235, 199) }
```

Border

The CSS property to change the border of an element to Yxy 73.0052, 0.2972, 0.3717 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(178, 235, 199) }
```

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

```
.border{ border-color:rgb(178, 235, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 235, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 235, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 235, 199);  
box-shadow:4px 4px 4px 4px rgb(178, 235,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0052, 0.2972, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 235, 199) }
```

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

```
.background{ background-color: rgb(178,  
235, 199) }
```

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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