

Converting Colors

$Yxy(73.4490, 0.2985, 0.3826)$

Have a look what the booklet for
Yxy(73.4490, 0.2985, 0.3826)
contains.

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Color

Yxy(73.3728, 0.2988, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	AEEDC0
RGB	174, 237, 192
RGB Percent	68%, 93%, 75%
CMY	0.3175, 0.0706, 0.2472
CMYK	0.27, 0.00, 0.19, 0.07
HSL	137°, 64%, 81%
HSV	137°, 27%, 93%
XYZ	57.2572, 73.3728, 60.9939
YIQ	213.0330, -23.1030, -27.3510

Conversions

Conversions Part 2

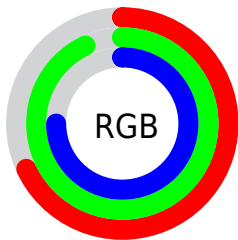
Format	Color
RYB	174, 223, 237
Decimal	11464128
CIELab	88.63, -28.69, 15.52
CIElCh	89, 32.619, 151.590
Yxy	73.3728, 0.2988, 0.3829
Android (android.graphics.Color)	4289654208 (0xFFAEEDC0)
YUV	213.0330, -10.3693, -34.2319
Hunter-Lab	85.6579, -30.5847, 17.7423

Details

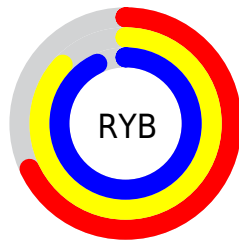
The Yxy color **73.3728, 0.2988, 0.3829** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.4097, 0.3303, 0.2806**, and the grayscale version is **66.6500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2862, 0.3020, 0.3360**, and **38.8758, 0.2952, 0.3977** is the 20% darker color. If you saturate the color by 10%, you get **70.1804, 0.2941, 0.4073**, and if you desaturate by 10%, it is **77.1381, 0.3039, 0.3607**.

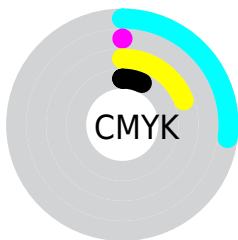
Distribution



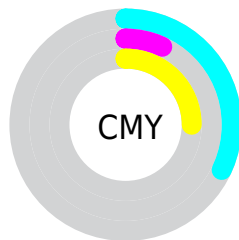
- Red (68%)
- Green (93%)
- Blue (75%)



- Red (68%)
- Yellow (87%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)



- Cyan (32%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3728, 0.2988, 0.3829 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 73.3728, 0.2988, 0.3829 by changing the saturation by 10% instead.

 73.3728, 0.2988,
0.3829

 73.3728, 0.2988,
0.3829


472.3059, 0.3057,
0.3570

 54.2808, 0.2971,
0.3890


 124.0063, 0.3013,
0.3737

 38.8262, 0.2949,
0.3968

156.3166, 0.3022,
0.3702

 26.6246, 0.2921,
0.4067


193.8019, 0.3030,
0.3672

 17.2915, 0.2882,
0.4201

236.8465, 0.3037,
0.3646

 10.4425, 0.2825,
0.4390

285.8348, 0.3043,
0.3624

 5.6933, 0.2737,
0.4674


341.1512, 0.3048,

 2.6595, 0.2579,

0.3604


0.5149


403.1801, 0.3053,
0.3586


 0.9567, 0.1780,
0.8220


 0.0000, 0.0000,
0.0000


 73.3728, 0.2988,
0.3829


 73.3728, 0.2988,
0.3829


 70.1804, 0.2941,
0.4073


 77.1381, 0.3039,
0.3607


 67.5236, 0.2900,
0.4336

 81.4934, 0.3092,
0.3408

 65.3749, 0.2870,
0.4611

 86.4661, 0.3145,
0.3232

 63.7003, 0.2852,
0.4887

 89.0484, 0.3135,
0.3117

■ 62.4620, 0.2851,
0.5153

■ 61.6156, 0.2865,
0.5393

■ 61.1061, 0.2894,
0.5596

■ 60.9796, 0.2905,
0.5657

Harmonies

Analogous

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



73.3728, 0.3378, 0.3991



73.3728, 0.2988, 0.3829



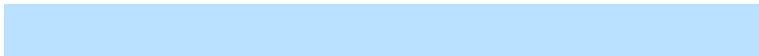
73.3728, 0.2649, 0.3491

Triad

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



73.3728, 0.2988, 0.3829



73.3728, 0.2551, 0.2668



73.3728, 0.3861, 0.3396

Complementary

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



73.3728, 0.2988, 0.3829



53.4097, 0.3303, 0.2806

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.



73.3728, 0.3612, 0.3082



73.3728, 0.2988, 0.3829



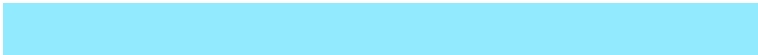
73.3728, 0.2844, 0.2677

Square

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



73.3728, 0.2988, 0.3829



73.3728, 0.2410, 0.2816



73.3728, 0.3232, 0.2826



73.3728, 0.3897, 0.3704

Rectangle

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



73.3728, 0.2988, 0.3829



73.3728, 0.2494, 0.3234



73.3728, 0.3232, 0.2826



73.3728, 0.3799, 0.3288

Sweetspot

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



73.3759, 0.2988, 0.3829



95.4298, 0.3085, 0.3436



78.7110, 0.3400, 0.3983



20.2532, 0.3076, 0.3465



0.0000, 0.0000, 0.0000



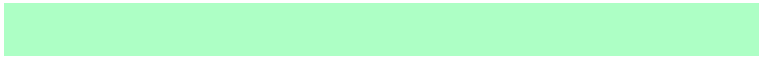
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3759, 0.2988, 0.3829



84.4645, 0.2961, 0.3962



74.9186, 0.2812, 0.3447



16.9327, 0.3077, 0.3463



33.3120, 0.2897, 0.5629



2.6318, 0.2821, 0.5355

Inverse Universe

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



53.4097, 0.3303, 0.2806



57.1135, 0.3349, 0.2702



51.9086, 0.3576, 0.3140



15.2364, 0.3181, 0.3123



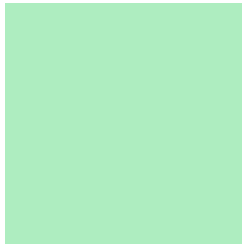
11.4279, 0.4088, 0.2025



0.9138, 0.3937, 0.1943

Previews

White Background



This preview shows how the Yxy color 73.3728, 0.2988, 0.3829 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 73.3728, 0.2988, 0.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

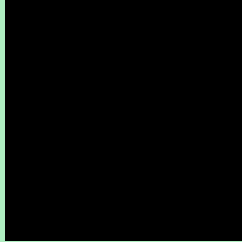
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

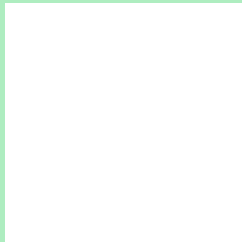
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3728, 0.2988, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 73.3728, 0.2988, 0.3829.

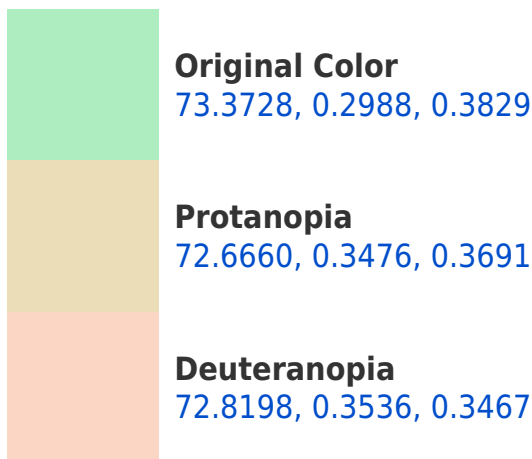


This preview shows how white text looks on a background with the Yxy color 73.3728, 0.2988, 0.3829.

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

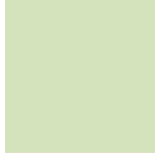
73.1302, 0.2734, 0.3078

Trichromacy



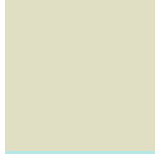
Original Color

73.3728, 0.2988, 0.3829



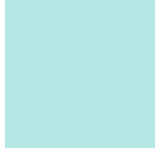
Protanomaly

72.5231, 0.3282, 0.3743



Deuteranomaly

72.0300, 0.3323, 0.3588



Tritanomaly

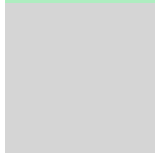
73.1384, 0.2823, 0.3335

Monochromacy



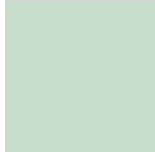
Original Color

73.3728, 0.2988, 0.3829



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.7924, 0.3076, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3728, 0.2988, 0.3829 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(174, 237, 192)` looks like.

```
.text, #text, p{  
    color:rgb(174, 237, 192)  
}
```

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(174, 237, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 237, 192) }
```

Border

The CSS property to change the border of an element to Yxy 73.3728, 0.2988, 0.3829 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(174, 237, 192) }
```

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

```
.border{ border-color:rgb(174, 237, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 237, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 237, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 237, 192);  
box-shadow:4px 4px 4px 4px rgb(174, 237,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3728, 0.2988, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 237, 192) }
```

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

```
.background{ background-color: rgb(174,  
237, 192) }
```

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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