

Converting Colors

$Yxy(73.2608, 0.2833, 0.3481)$

Have a look what the booklet for
Yxy(73.2608, 0.2833, 0.3481)
contains.

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Color

Yxy(73.3629, 0.2834, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	ADEBDA
RGB	173, 235, 218
RGB Percent	68%, 92%, 85%
CMY	0.3213, 0.0785, 0.1450
CMYK	0.26, 0.00, 0.07, 0.08
HSL	164°, 61%, 80%
HSV	164°, 26%, 92%
XYZ	59.6074, 73.3629, 77.3592
YIQ	214.5240, -31.4950, -18.4310

Conversions

Conversions Part 2

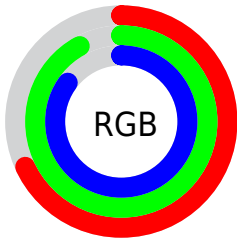
Format	Color
RYB	173, 209, 235
Decimal	11398106
CIELab	88.62, -22.97, 1.92
CIELCh	89, 23.050, 175.228
Yxy	73.3629, 0.2834, 0.3488
Android (android.graphics.Color)	4289588186 (0xFFAEDBDA)
YUV	214.5240, 1.7137, -36.4165
Hunter-Lab	85.6521, -25.6689, 6.4071

Details

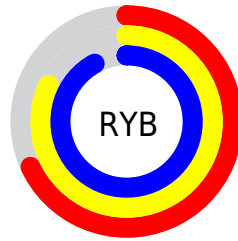
The Yxy color **73.3629, 0.2834, 0.3488** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.2888, 0.3539, 0.3102**, and the grayscale version is **67.6303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **38.8065, 0.2766, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **70.5866, 0.2737, 0.3576**, and if you desaturate by 10%, it is **76.6295, 0.2940, 0.3407**.

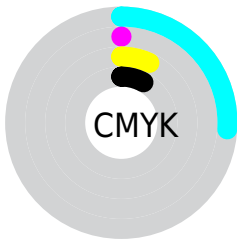
Distribution



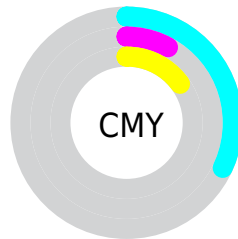
- Red (68%)
- Green (92%)
- Blue (85%)



- Red (68%)
- Yellow (82%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)





- Cyan (32%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3629, 0.2834, 0.3488 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 73.3629, 0.2834, 0.3488 by changing the saturation by 10% instead.


 73.3629, 0.2834,
0.3488

 73.3629, 0.2834,
0.3488


472.2716, 0.2970,
0.3396

 54.2728, 0.2803,
0.3509

 123.9923, 0.2881,
0.3456

 38.8198, 0.2765,
0.3536


156.3003, 0.2899,
0.3443

 26.6195, 0.2716,
0.3569


193.7830, 0.2915,
0.3433

 17.2877, 0.2653,
0.3613

236.8249, 0.2929,
0.3423

 10.4398, 0.2566,
0.3674

285.8103, 0.2941,
0.3415

 5.6915, 0.2441,
0.3762


341.1236, 0.2952,

 2.6584, 0.2246,


0.3408


0.3902


403.1492, 0.2961,
0.3402


 0.9561, 0.1569,
0.4331

 0.0000, 0.0000,
0.0000


 73.3629, 0.2834,
0.3488

 73.3629, 0.2834,
0.3488


 70.5866, 0.2737,
0.3576


 76.6295, 0.2940,
0.3407


 68.2667, 0.2653,
0.3669

 80.4004, 0.3053,
0.3333


 66.3793, 0.2584,
0.3768


 84.7001, 0.3170,
0.3267

 64.8943, 0.2533,
0.3870


 87.1906, 0.3207,
0.3205


 63.7778, 0.2502,
0.3974

 87.5883, 0.3166,
0.3143

 62.9902, 0.2491,
0.4078

 87.8924, 0.3136,
0.3097

 62.4821, 0.2500,
0.4182

 62.3369, 0.2505,
0.4219

Harmonies

Analogous

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



73.3629, 0.3091, 0.3699



73.3629, 0.2834, 0.3488



73.3629, 0.2659, 0.3225

Triad

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



73.3629, 0.2834, 0.3488



73.3629, 0.2876, 0.2836



73.3629, 0.3678, 0.3550

Complementary

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



73.3629, 0.2834, 0.3488



51.2888, 0.3539, 0.3102

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.



73.3629, 0.3618, 0.3323



73.3629, 0.2834, 0.3488



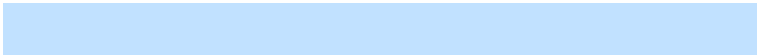
73.3629, 0.3144, 0.2924

Square

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



73.3629, 0.2834, 0.3488



73.3629, 0.2682, 0.2858



73.3629, 0.3419, 0.3099



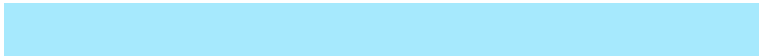
73.3629, 0.3584, 0.3723

Rectangle

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



73.3629, 0.2834, 0.3488



73.3629, 0.2608, 0.3063



73.3629, 0.3419, 0.3099



73.3629, 0.3675, 0.3478

Sweetspot

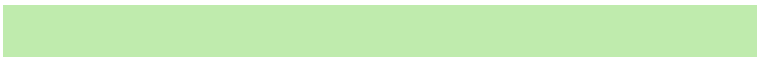
The Sweet Spot groups the original color and five complimentary colors.



73.3659, 0.2834, 0.3488



95.9793, 0.3034, 0.3345



73.4569, 0.3209, 0.4020



20.3915, 0.3017, 0.3356



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.



73.3659, 0.2834, 0.3488



86.3123, 0.2777, 0.3538



66.9044, 0.2727, 0.3132



17.0473, 0.3018, 0.3355



34.7184, 0.2501, 0.4202



2.7423, 0.2461, 0.4060

Inverse Universe

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



51.2888, 0.3539, 0.3102



55.2756, 0.3663, 0.3058



55.9989, 0.3655, 0.3442



15.1219, 0.3250, 0.3226



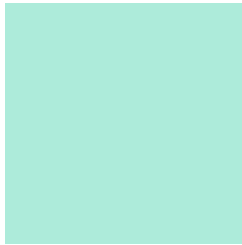
10.0568, 0.5848, 0.2995



0.8055, 0.5455, 0.2779

Previews

White Background



This preview shows how the Yxy color 73.3629, 0.2834, 0.3488 looks on a white background.

Color Contrast Check

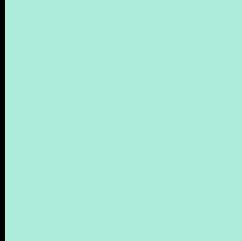
Large Text (above 18pt) WCAG AA × Fail

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 73.3629, 0.2834, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

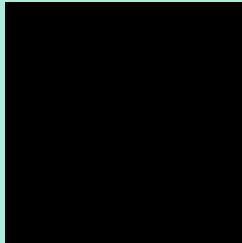
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

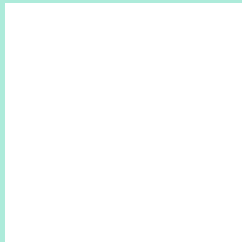
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3629, 0.2834, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 73.3629, 0.2834, 0.3488.

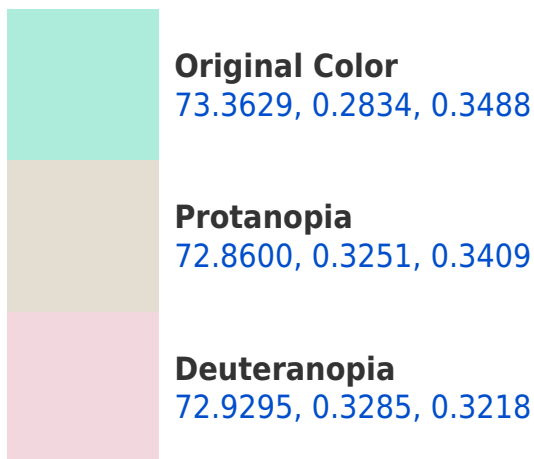


This preview shows how white text looks on a background with the Yxy color 73.3629, 0.2834, 0.3488.

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

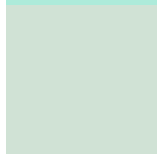
73.0169, 0.2696, 0.3076

Trichromacy



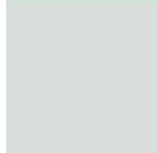
Original Color

73.3629, 0.2834, 0.3488



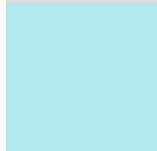
Protanomaly

72.6067, 0.3086, 0.3435



Deuteranomaly

72.3684, 0.3106, 0.3301



Tritanomaly

73.2334, 0.2745, 0.3221

Monochromacy



Original Color

73.3629, 0.2834, 0.3488



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.4798, 0.3013, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3629, 0.2834, 0.3488 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(173, 235, 218)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 218)  
}
```

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(173, 235, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 218) }
```

Border

The CSS property to change the border of an element to Yxy 73.3629, 0.2834, 0.3488 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(173, 235, 218) }
```

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

```
.border{ border-color:rgb(173, 235, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 235, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 218);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3629, 0.2834, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 218) }
```

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

```
.background{ background-color: rgb(173,  
235, 218) }
```

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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