

Converting Colors

$Yxy(73.7194, 0.2840, 0.3524)$

Have a look what the booklet for
Yxy(73.7194, 0.2840, 0.3524)
contains.

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Color

Yxy(73.7194, 0.2840, 0.3524)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ACECD8 |
| RGB | 172, 236, 216 |
| RGB Percent | 67%, 93%, 85% |
| CMY | 0.3253, 0.0745, 0.1529 |
| CMYK | 0.27, 0.00, 0.08, 0.07 |
| HSL | 161°, 63%, 80% |
| HSV | 161°, 27%, 93% |
| XYZ | 59.4106, 73.7194, 76.0624 |
| YIQ | 214.5840, -31.7240, -19.7880 |

Conversions

Conversions Part 2

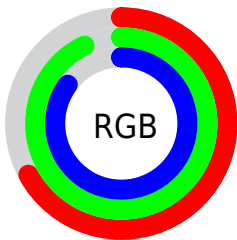
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 172, 210, 236 |
| Decimal | 11332824 |
| CIELab | 88.79, -24.17, 3.21 |
| CIElCh | 89, 24.383, 172.430 |
| Yxy | 73.7194, 0.2840, 0.3524 |
| Android (android.graphics.Color) | 4289522904 (0xFFACECD8) |
| YUV | 214.5840, 0.6981, -37.3462 |
| Hunter-Lab | 85.8600, -26.7423, 7.5777 |

Details

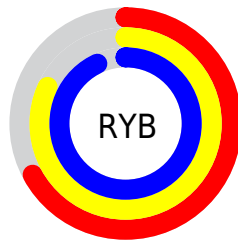
The Yxy color **73.7194, 0.2840, 0.3524** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.1633, 0.3532, 0.3069**, and the grayscale version is **67.6782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **39.0673, 0.2774, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **70.9109, 0.2748, 0.3625**, and if you desaturate by 10%, it is **77.0252, 0.2941, 0.3431**.

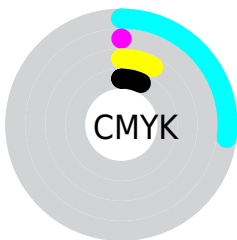
Distribution



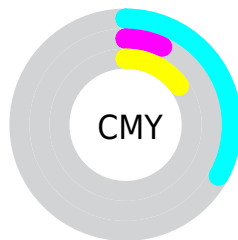
- Red (67%)
- Green (93%)
- Blue (85%)



- Red (67%)
- Yellow (82%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7194, 0.2840, 0.3524 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 73.7194, 0.2840, 0.3524 by changing the saturation by 10% instead.


 73.7194, 0.2840,
0.3524

 73.7194, 0.2840,
0.3524


473.5044, 0.2973,
0.3415

 54.5644, 0.2810,
0.3549


 124.4980, 0.2886,
0.3486

 39.0531, 0.2772,
0.3581


156.8903, 0.2904,
0.3471

 26.8010, 0.2724,
0.3621


194.4639, 0.2920,
0.3458

 17.4238, 0.2661,
0.3674

237.6031, 0.2933,
0.3447

 10.5371, 0.2576,
0.3747

286.6924, 0.2945,
0.3438

 5.7565, 0.2452,
0.3854

342.1161, 0.2955,

 2.6976, 0.2258,

0.3429

404.2586, 0.2965,
0.3421

0.4026

0.9760, 0.1560,
0.4548

0.0000, 0.0000,
0.0000

73.7194, 0.2840,
0.3524

73.7194, 0.2840,
0.3524

70.9109, 0.2748,
0.3625

77.0252, 0.2941,
0.3431

68.5655, 0.2669,
0.3734


80.8428, 0.3049,
0.3345


66.6584, 0.2604,
0.3848

85.1971, 0.3160,
0.3269

65.1591, 0.2558,
0.3967

87.8727, 0.3195,
0.3198

 64.0329, 0.2532,
0.4087

 88.3337, 0.3149,
0.3127

 63.2392, 0.2526,
0.4208

 88.4685, 0.3136,
0.3107

 62.7254, 0.2539,
0.4326

 62.6042, 0.2545,
0.4360

Harmonies

Analogous

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



73.7194, 0.3116, 0.3738



73.7194, 0.2840, 0.3524



73.7194, 0.2646, 0.3246

Triad

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



73.7194, 0.2840, 0.3524



73.7194, 0.2839, 0.2809



73.7194, 0.3711, 0.3542

Complementary

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



73.7194, 0.2840, 0.3524



51.1633, 0.3532, 0.3069

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.



73.7194, 0.3631, 0.3301



73.7194, 0.2840, 0.3524



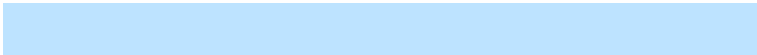
73.7194, 0.3117, 0.2892

Square

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



73.7194, 0.2840, 0.3524



73.7194, 0.2645, 0.2843



73.7194, 0.3410, 0.3068



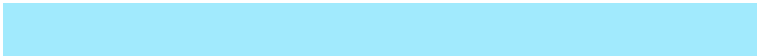
73.7194, 0.3625, 0.3733

Rectangle

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



73.7194, 0.2840, 0.3524



73.7194, 0.2584, 0.3072



73.7194, 0.3410, 0.3068



73.7194, 0.3703, 0.3465

Sweetspot

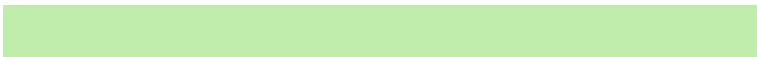
The Sweet Spot groups the original color and five complimentary colors.



73.7224, 0.2840, 0.3524



95.9301, 0.3038, 0.3353



74.2143, 0.3225, 0.4039



20.3791, 0.3022, 0.3365



0.0000, 0.0000, 0.0000



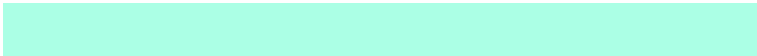
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7224, 0.2840, 0.3524



85.8007, 0.2783, 0.3584



68.2897, 0.2719, 0.3153



17.0370, 0.3023, 0.3365



34.5344, 0.2539, 0.4341



2.7290, 0.2494, 0.4177

Inverse Universe

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



51.1633, 0.3532, 0.3069



54.3679, 0.3656, 0.3017



54.9989, 0.3680, 0.3423



15.1316, 0.3244, 0.3217



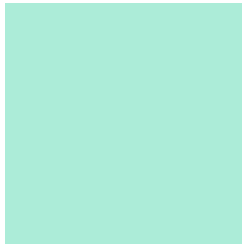
10.1214, 0.5714, 0.2921



0.8116, 0.5321, 0.2705

Previews

White Background



This preview shows how the Yxy color 73.7194, 0.2840, 0.3524 looks on a white background.

Color Contrast Check

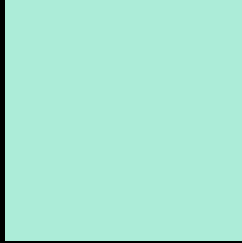
Large Text (above 18pt) WCAG AA × Fail

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 73.7194, 0.2840, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

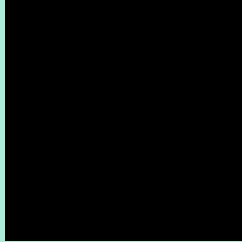
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

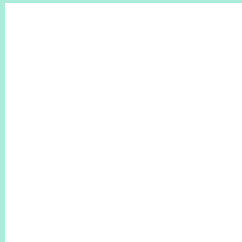
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7194, 0.2840, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 73.7194, 0.2840, 0.3524.

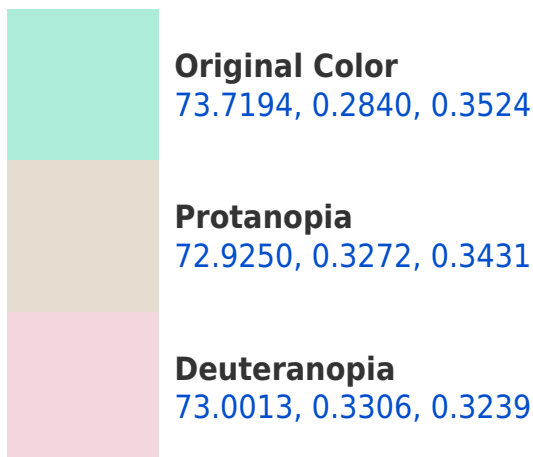


This preview shows how white text looks on a background with the Yxy color 73.7194, 0.2840, 0.3524.

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

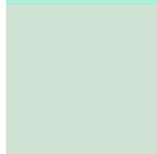
73.6377, 0.2692, 0.3077

Trichromacy



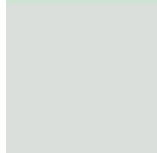
Original Color

73.7194, 0.2840, 0.3524



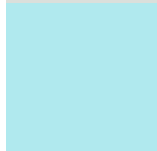
Protanomaly

72.5058, 0.3098, 0.3458



Deuteranomaly

72.7953, 0.3118, 0.3334



Tritanomaly

73.6810, 0.2740, 0.3232

Monochromacy



Original Color

73.7194, 0.2840, 0.3524



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.8238, 0.3012, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7194, 0.2840, 0.3524 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(172, 236, 216)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 216)  
}
```

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(172, 236, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 216) }
```

Border

The CSS property to change the border of an element to Yxy 73.7194, 0.2840, 0.3524 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(172, 236, 216) }
```

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

```
.border{ border-color:rgb(172, 236, 216) }
```

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

Here you see how a box with a 4 pixel rgb(172, 236, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 216);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7194, 0.2840, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 216) }
```

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

```
.background{ background-color: rgb(172,  
236, 216) }
```

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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