

Converting Colors

$Y_{xy}(73.7295, 0.2798, 0.3579)$

Have a look what the booklet for
Yxy(73.7295, 0.2798, 0.3579)
contains.

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Color

Yxy(73.6855, 0.2795, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	A2EED6
RGB	162, 238, 214
RGB Percent	64%, 93%, 84%
CMY	0.3649, 0.0666, 0.1607
CMYK	0.32, 0.00, 0.10, 0.07
HSL	161°, 69%, 78%
HSV	161°, 32%, 93%
XYZ	57.6087, 73.6855, 74.8191
YIQ	212.5400, -37.5920, -23.5760

Conversions

Conversions Part 2

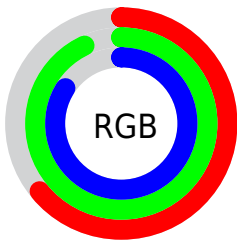
Format	Color
RYB	162, 207, 238
Decimal	10677974
CIELab	88.77, -28.47, 4.16
CIElCh	89, 28.770, 171.693
Yxy	73.6855, 0.2795, 0.3575
Android (android.graphics.Color)	4288868054 (0xFFA2EED6)
YUV	212.5400, 0.7198, -44.3236
Hunter-Lab	85.8403, -30.4265, 8.4105

Details

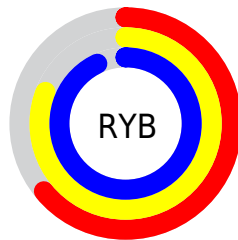
The Yxy color **73.6855, 0.2795, 0.3575** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.5495, 0.3629, 0.3025**, and the grayscale version is **66.2277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **39.0849, 0.2716, 0.3655** is the 20% darker color. If you saturate the color by 10%, you get **71.0532, 0.2709, 0.3681**, and if you desaturate by 10%, it is **76.8131, 0.2892, 0.3477**.

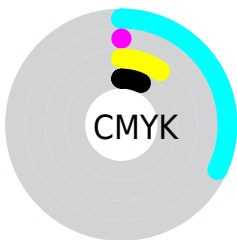
Distribution



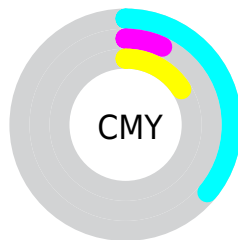
- Red (64%)
- Green (93%)
- Blue (84%)



- Red (64%)
- Yellow (81%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)





- Cyan (36%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6855, 0.2795, 0.3575 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 73.6855, 0.2795, 0.3575 by changing the saturation by 10% instead.


 73.6855, 0.2795,
0.3575

 73.6855, 0.2795,
0.3575


473.3872, 0.2949,
0.3441

 54.5367, 0.2760,
0.3606


 124.4499, 0.2849,
0.3528

 39.0309, 0.2716,
0.3645


 156.8342, 0.2869,
0.3510

 26.7838, 0.2660,
0.3694


194.3992, 0.2887,
0.3495

 17.4109, 0.2588,
0.3759

237.5292, 0.2903,
0.3481

 10.5279, 0.2488,
0.3850

286.6086, 0.2917,
0.3469

 5.7503, 0.2345,
0.3982

342.0218, 0.2929,

 2.6939, 0.2120,

0.3459

0.4196

404.1532, 0.2940,
0.3450

0.9741, 0.1159,
0.4946

0.0000, 0.0000,
0.0000

73.6855, 0.2795,
0.3575

73.6855, 0.2795,
0.3575

71.0532, 0.2709,
0.3681

76.8131, 0.2892,
0.3477

68.8804, 0.2637,
0.3794


80.4519, 0.2996,
0.3387


67.1403, 0.2581,
0.3911

84.6279, 0.3105,
0.3305


65.8000, 0.2545,
0.4032


88.9496, 0.3203,
0.3232

 64.8214, 0.2529,
0.4154

 89.4151, 0.3156,
0.3159

 64.1586, 0.2533,
0.4275

 89.6348, 0.3135,
0.3127

 63.7969, 0.2548,
0.4371

Harmonies

Analogous

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



73.6855, 0.3120, 0.3828



73.6855, 0.2795, 0.3575



73.6855, 0.2566, 0.3242

Triad

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



73.6855, 0.2795, 0.3575



73.6855, 0.2780, 0.2727



73.6855, 0.3817, 0.3575

Complementary

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



73.6855, 0.2795, 0.3575



47.5495, 0.3629, 0.3025

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.



73.6855, 0.3719, 0.3293



73.6855, 0.2795, 0.3575



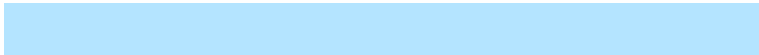
73.6855, 0.3104, 0.2821

Square

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



73.6855, 0.2795, 0.3575



73.6855, 0.2558, 0.2767



73.6855, 0.3452, 0.3023



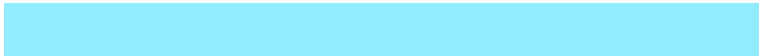
73.6855, 0.3718, 0.3805

Rectangle

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



73.6855, 0.2795, 0.3575



73.6855, 0.2493, 0.3036



73.6855, 0.3452, 0.3023



73.6855, 0.3806, 0.3483

Sweetspot

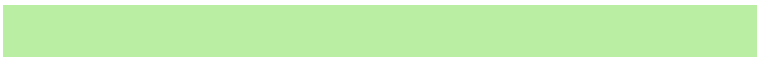
The Sweet Spot groups the original color and five complimentary colors.



73.6885, 0.2795, 0.3575



94.9731, 0.3017, 0.3370



74.2068, 0.3240, 0.4192



20.1880, 0.3002, 0.3382



0.0000, 0.0000, 0.0000



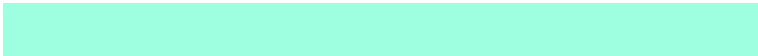
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6885, 0.2795, 0.3575



84.2048, 0.2740, 0.3640



67.1989, 0.2650, 0.3125



17.8392, 0.3023, 0.3366



35.6134, 0.2542, 0.4352



2.9806, 0.2499, 0.4195

Inverse Universe

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



47.5495, 0.3629, 0.3025



49.4074, 0.3768, 0.2972



51.7996, 0.3813, 0.3448



15.8410, 0.3244, 0.3216



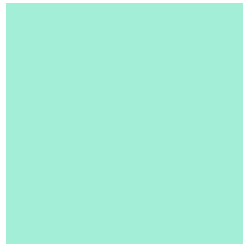
10.4456, 0.5706, 0.2917



0.8863, 0.5334, 0.2712

Previews

White Background



This preview shows how the Yxy color 73.6855, 0.2795, 0.3575 looks on a white background.

Color Contrast Check

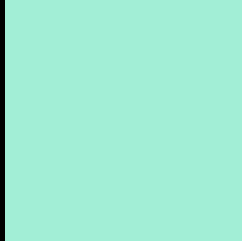
Large Text (above 18pt) WCAG AA × Fail

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 73.6855, 0.2795, 0.3575 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

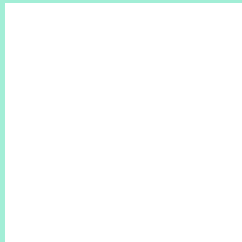
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6855, 0.2795, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 73.6855, 0.2795, 0.3575.

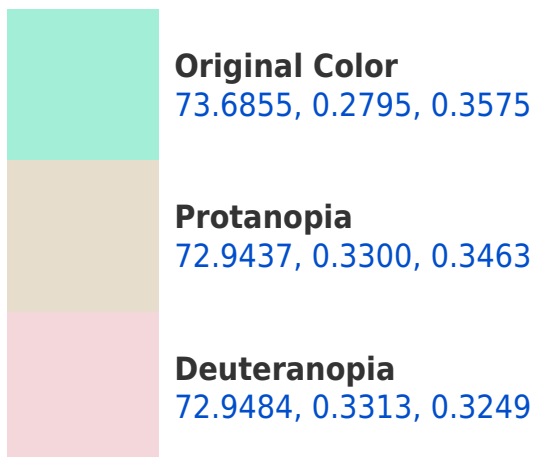


This preview shows how white text looks on a background with the Yxy color 73.6855, 0.2795, 0.3575.

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

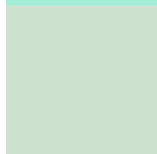
73.7889, 0.2640, 0.3086

Trichromacy



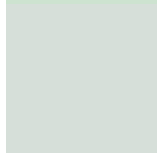
Original Color

73.6855, 0.2795, 0.3575



Protanomaly

72.4714, 0.3096, 0.3505



Deuteranomaly

72.0812, 0.3103, 0.3356



Tritanomaly

73.8052, 0.2693, 0.3254

Monochromacy



Original Color

73.6855, 0.2795, 0.3575



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.5160, 0.2991, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6855, 0.2795, 0.3575 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(162, 238, 214)` looks like.

```
.text, #text, p{  
    color:rgb(162, 238, 214)  
}
```

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(162, 238, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 238, 214) }
```

Border

The CSS property to change the border of an element to Yxy 73.6855, 0.2795, 0.3575 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(162, 238, 214) }
```

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

```
.border{ border-color:rgb(162, 238, 214) }
```

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

Here you see how a box with a 4 pixel rgb(162, 238, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 238, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 238, 214);  
box-shadow:4px 4px 4px 4px rgb(162, 238,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6855, 0.2795, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 238, 214) }
```

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

```
.background{ background-color: rgb(162,  
238, 214) }
```

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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