

Converting Colors

$Yxy(73.6765, 0.2772, 0.3339)$

Have a look what the booklet for
Yxy(73.6765, 0.2772, 0.3339)
contains.

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Color

Yxy(73.5575, 0.2773, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	AEEAE6
RGB	174, 234, 230
RGB Percent	68%, 92%, 90%
CMY	0.3176, 0.0823, 0.0980
CMYK	0.26, 0.00, 0.02, 0.08
HSL	176°, 59%, 80%
HSV	176°, 26%, 92%
XYZ	61.1619, 73.5575, 85.8428
YIQ	215.6040, -34.4760, -13.9640

Conversions

Conversions Part 2

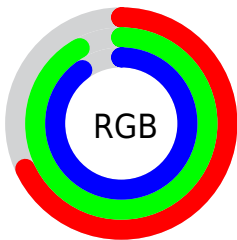
Format	Color
RYB	174, 205, 234
Decimal	11463398
CIELab	88.71, -19.68, -4.22
CIELCh	89, 20.128, 192.108
Yxy	73.5575, 0.2773, 0.3335
Android (android.graphics.Color)	4289653478 (0xFFAEEAE6)
YUV	215.6040, 7.0972, -36.4867
Hunter-Lab	85.7657, -22.7966, 0.6926

Details

The Yxy color **73.5575, 0.2773, 0.3335** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **50.9799, 0.3636, 0.3246**, and the grayscale version is **68.3564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **38.9290, 0.2690, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **71.0157, 0.2654, 0.3355**, and if you desaturate by 10%, it is **76.5742, 0.2904, 0.3316**.

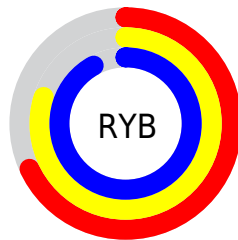
Distribution



Red (68%)

Green (92%)

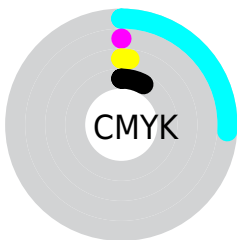
Blue (90%)



Red (68%)

Yellow (80%)

Blue (92%)

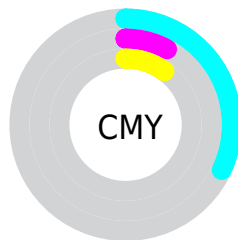


Cyan (26%)

Magenta (0%)

Yellow (2%)

Black (8%)



Cyan (32%)


Magenta (8%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5575, 0.2773, 0.3335 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 73.5575, 0.2773, 0.3335 by changing the saturation by 10% instead.


 73.5575, 0.2773,
0.3335

 73.5575, 0.2773,
0.3335


472.9447, 0.2935,
0.3316

 54.4319, 0.2736,
0.3339


 124.2683, 0.2829,
0.3329

 38.9471, 0.2691,
0.3343


156.6224, 0.2851,
0.3326

 26.7186, 0.2634,
0.3349


194.1548, 0.2870,
0.3324

 17.3620, 0.2561,
0.3355

237.2498, 0.2886,
0.3322

 10.4929, 0.2461,
0.3363

286.2919, 0.2901,
0.3320

 5.7270, 0.2320,
0.3372

341.6655, 0.2914,

 2.6798, 0.2104,

0.3319

403.7550, 0.2925,
0.3317

0.3380

0.9669, 0.1558,
0.3452

0.0000, 0.0000,
0.0000

73.5575, 0.2773,
0.3335

73.5575, 0.2773,
0.3335

71.0157, 0.2654,
0.3355

76.5742, 0.2904,
0.3316

68.9156, 0.2550,
0.3376


80.0794, 0.3045,
0.3299


67.2336, 0.2464,
0.3398


84.0972, 0.3192,
0.3283


65.9406, 0.2396,
0.3420


86.1782, 0.3256,
0.3268


 65.0035, 0.2348,
0.3443


 86.2692, 0.3246,
0.3253

 64.3837, 0.2319,
0.3465


 86.3611, 0.3236,
0.3238

 64.0337, 0.2307,
0.3488

 86.4538, 0.3226,
0.3223

 63.9322, 0.2305,
0.3497

 86.5473, 0.3216,
0.3208

 86.6415, 0.3206,
0.3193

Harmonies

Analogous

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



73.5575, 0.2964, 0.3552



73.5575, 0.2773, 0.3335



73.5575, 0.2676, 0.3114

Triad

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



73.5575, 0.2773, 0.3335



73.5575, 0.3036, 0.2924



73.5575, 0.3577, 0.3613

Complementary

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



73.5575, 0.2773, 0.3335



50.9799, 0.3636, 0.3246

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.



73.5575, 0.3601, 0.3436



73.5575, 0.2773, 0.3335



73.5575, 0.3281, 0.3048

Square

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



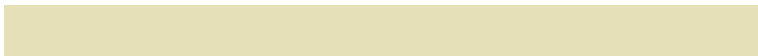
73.5575, 0.2773, 0.3335



73.5575, 0.2823, 0.2888



73.5575, 0.3491, 0.3232



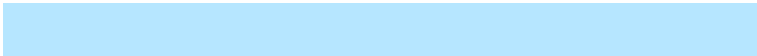
73.5575, 0.3430, 0.3712

Rectangle

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



73.5575, 0.2773, 0.3335



73.5575, 0.2675, 0.2998



73.5575, 0.3491, 0.3232



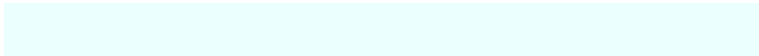
73.5575, 0.3600, 0.3560

Sweetspot

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



73.5605, 0.2773, 0.3335



96.2470, 0.3010, 0.3303



71.3692, 0.3119, 0.4016



20.4594, 0.2989, 0.3306



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.



73.5605, 0.2773, 0.3335



87.6299, 0.2706, 0.3346



60.0527, 0.2723, 0.2981



17.1036, 0.2990, 0.3305



35.9325, 0.2304, 0.3494



2.8268, 0.2295, 0.3463

Inverse Universe

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



50.9799, 0.3636, 0.3246



55.6360, 0.3788, 0.3237



61.8589, 0.3601, 0.3580



15.0703, 0.3282, 0.3275



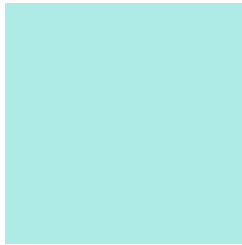
9.8565, 0.6329, 0.3260



0.7797, 0.6142, 0.3157

Previews

White Background



This preview shows how the Yxy color 73.5575, 0.2773, 0.3335 looks on a white background.

Color Contrast Check

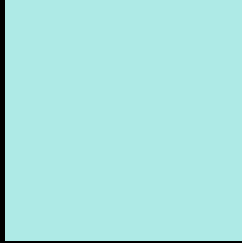
Large Text (above 18pt) WCAG AA × Fail

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 73.5575, 0.2773, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

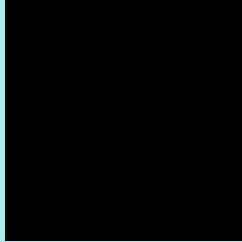
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

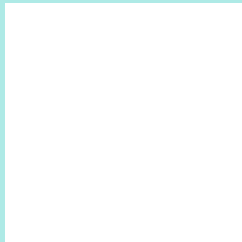
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5575, 0.2773, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 73.5575, 0.2773, 0.3335.

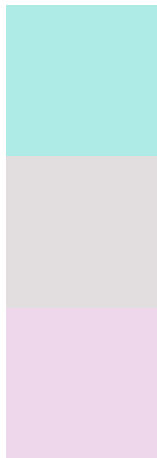


This preview shows how white text looks on a background with the Yxy color 73.5575, 0.2773, 0.3335.

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

73.5575, 0.2773, 0.3335

Protanopia

73.1556, 0.3156, 0.3279

Deuteranopia

72.7185, 0.3165, 0.3093



Tritanopia

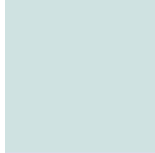
73.5189, 0.2686, 0.3077

Trichromacy



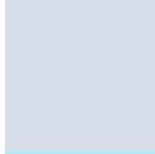
Original Color

73.5575, 0.2773, 0.3335



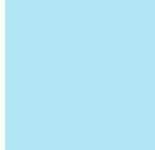
Protanomaly

73.0944, 0.3004, 0.3301



Deuteranomaly

72.5728, 0.3008, 0.3171



Tritanomaly

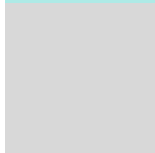
73.5314, 0.2719, 0.3165

Monochromacy



Original Color

73.5575, 0.2773, 0.3335



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.4133, 0.2988, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5575, 0.2773, 0.3335 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, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(174, 234, 230)  
}
```

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, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 234, 230) }
```

Border

The CSS property to change the border of an element to Yxy 73.5575, 0.2773, 0.3335 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, 234, 230) }
```

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

```
.border{ border-color:rgb(174, 234, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(174, 234,  
230) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.5575, 0.2773, 0.3335$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 234, 230) }
```

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

```
.background{ background-color: rgb(174,  
234, 230) }
```

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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