

Converting Colors

$Y_{xy}(72.9692, 0.2726, 0.3290)$

Have a look what the booklet for
Yxy(72.9692, 0.2726, 0.3290)
contains.

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Color

Yxy(73.1638, 0.2729, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	A9EAE9
RGB	169, 234, 233
RGB Percent	66%, 92%, 91%
CMY	0.3370, 0.0824, 0.0862
CMYK	0.28, 0.00, 0.00, 0.08
HSL	179°, 61%, 79%
HSV	179°, 28%, 92%
XYZ	60.5042, 73.1638, 88.0404
YIQ	214.4510, -38.4190, -14.0910

Conversions

Conversions Part 2

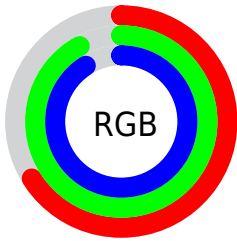
Format	Color
R _Y B	169, 202, 234
Decimal	11135721
CIE Lab	88.53, -20.43, -6.11
CIE LCh	89, 21.320, 196.648
Yxy	73.1638, 0.2729, 0.3300
Android (android.graphics.Color)	4289325801 (0xFFA9EAE9)
YUV	214.4510, 9.1447, -39.8605
Hunter-Lab	85.5358, -23.4248, -1.1510

Details

The Yxy color **73.1638, 0.2729, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **48.7918, 0.3724, 0.3281**, and the grayscale version is **67.5313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **38.5925, 0.2636, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **70.7852, 0.2608, 0.3304**, and if you desaturate by 10%, it is **76.0115, 0.2864, 0.3296**.

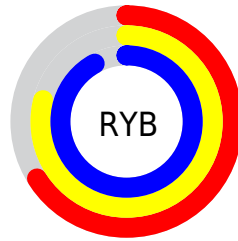
Distribution



Red (66%)

Green (92%)

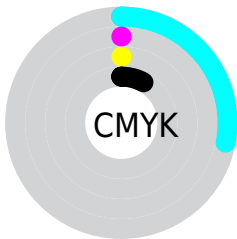
Blue (91%)



Red (66%)

Yellow (79%)

Blue (92%)

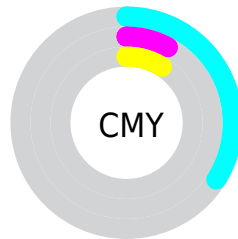


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (34%)


Magenta (8%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1638, 0.2729, 0.3300 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 73.1638, 0.2729, 0.3300 by changing the saturation by 10% instead.

 73.1638, 0.2729,
0.3300

 73.1638, 0.2729,
0.3300


471.5823, 0.2911,
0.3298

 54.1099, 0.2688,
0.3300


 123.7097, 0.2792,
0.3300

 38.6895, 0.2637,
0.3299


155.9705, 0.2816,
0.3300

 26.5183, 0.2574,
0.3298


193.4025, 0.2837,
0.3299

 17.2118, 0.2492,
0.3296

236.3899, 0.2856,
0.3299

 10.3856, 0.2381,
0.3291

285.3172, 0.2872,
0.3299

 5.6554, 0.2225,
0.3281

340.5687, 0.2887,

 2.6367, 0.1988,

0.3299

402.5290, 0.2900,
0.3298

0.3257

0.9451, 0.1381,
0.3275

0.0000, 0.0000,
0.0000

73.1638, 0.2729,
0.3300

73.1638, 0.2729,
0.3300

70.7852, 0.2608,
0.3304

76.0115, 0.2864,
0.3296

68.8421, 0.2504,
0.3309

79.3423, 0.3009,
0.3293


67.3105, 0.2418,
0.3313

83.1805, 0.3162,
0.3289


66.1604, 0.2351,
0.3318


86.0654, 0.3267,
0.3286

 65.3578, 0.2303,
0.3323


 86.0855, 0.3265,
0.3283


 64.8627, 0.2274,
0.3328


 86.1056, 0.3263,
0.3279

 64.6207, 0.2261,
0.3332

 86.1258, 0.3261,
0.3276

 64.5823, 0.2259,
0.3333

 86.1461, 0.3258,
0.3273

 86.1663, 0.3256,
0.3269

Harmonies

Analogous

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



73.1638, 0.2919, 0.3537



73.1638, 0.2729, 0.3300



73.1638, 0.2644, 0.3072

Triad

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



73.1638, 0.2729, 0.3300



73.1638, 0.3069, 0.2917



73.1638, 0.3589, 0.3654

Complementary

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



73.1638, 0.2729, 0.3300



48.7918, 0.3724, 0.3281

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.



73.1638, 0.3636, 0.3475



73.1638, 0.2729, 0.3300



73.1638, 0.3328, 0.3060

Square

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



73.1638, 0.2729, 0.3300



73.1638, 0.2834, 0.2863



73.1638, 0.3539, 0.3260



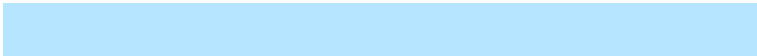
73.1638, 0.3415, 0.3743

Rectangle

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



73.1638, 0.2729, 0.3300



73.1638, 0.2656, 0.2957



73.1638, 0.3539, 0.3260



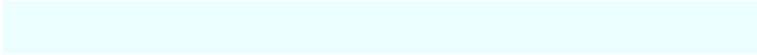
73.1638, 0.3620, 0.3602

Sweetspot

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



73.1667, 0.2729, 0.3300



96.3146, 0.3005, 0.3293



70.2692, 0.3097, 0.4090



20.4765, 0.2982, 0.3293



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.



73.1667, 0.2729, 0.3300



87.3006, 0.2662, 0.3302



56.9079, 0.2686, 0.2912



17.1178, 0.2983, 0.3293



36.2966, 0.2259, 0.3333



2.8514, 0.2257, 0.3326

Inverse Universe

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



48.7918, 0.3724, 0.3281



53.3117, 0.3889, 0.3279



61.8716, 0.3639, 0.3640



15.0577, 0.3291, 0.3287



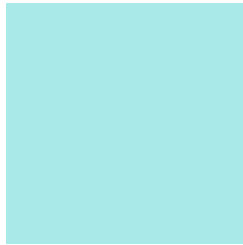
9.8357, 0.6385, 0.3291



0.7736, 0.6340, 0.3266

Previews

White Background



This preview shows how the Yxy color 73.1638, 0.2729, 0.3300 looks on a white background.

Color Contrast Check

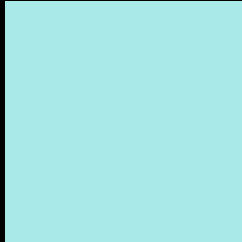
Large Text (above 18pt) WCAG AA × Fail

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 73.1638, 0.2729, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

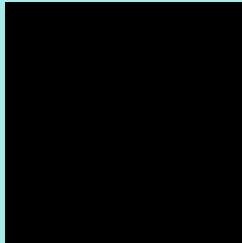
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1638, 0.2729, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 73.1638, 0.2729, 0.3300.

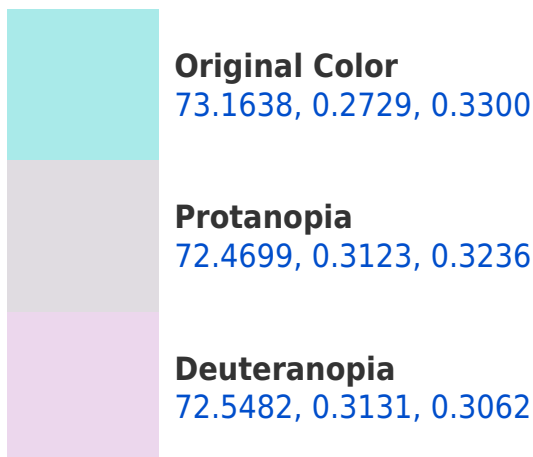


This preview shows how white text looks on a background with the Yxy color 73.1638, 0.2729, 0.3300.

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

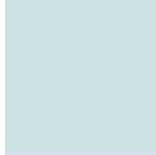
72.9382, 0.2659, 0.3075

Trichromacy



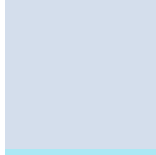
Original Color

73.1638, 0.2729, 0.3300



Protanomaly

72.2892, 0.2965, 0.3256



Deuteranomaly

72.2957, 0.2969, 0.3138



Tritanomaly

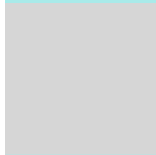
73.0155, 0.2685, 0.3152

Monochromacy



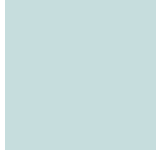
Original Color

73.1638, 0.2729, 0.3300



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

68.9391, 0.2968, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1638, 0.2729, 0.3300 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(169, 234, 233)` looks like.

```
.text, #text, p{  
    color:rgb(169, 234, 233)  
}
```

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(169, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 234, 233) }
```

Border

The CSS property to change the border of an element to Yxy 73.1638, 0.2729, 0.3300 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(169, 234, 233) }
```

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

```
.border{ border-color:rgb(169, 234, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(169, 234,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1638, 0.2729, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 234, 233) }
```

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

```
.background{ background-color: rgb(169,  
234, 233) }
```

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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