

Converting Colors

$Yxy(73.3552, 0.2713, 0.3266)$

Have a look what the booklet for
Yxy(73.3552, 0.2713, 0.3266)
contains.

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Color

Yxy(73.3368, 0.2713, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	A9EAEC
RGB	169, 234, 236
RGB Percent	66%, 92%, 93%
CMY	0.3373, 0.0823, 0.0746
CMYK	0.28, 0.01, 0.00, 0.07
HSL	182°, 64%, 79%
HSV	182°, 28%, 93%
XYZ	60.9194, 73.3368, 90.2900
YIQ	214.7930, -39.3820, -13.1580

Conversions

Conversions Part 2

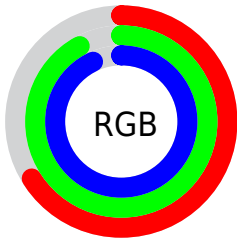
Format	Color
R _Y B	169, 202, 236
Decimal	11135724
CIE Lab	88.61, -19.80, -7.54
CIE LCh	89, 21.186, 200.847
Yxy	73.3368, 0.2713, 0.3266
Android (android.graphics.Color)	4289325804 (0xFFA9EAEC)
YUV	214.7930, 10.4551, -40.1605
Hunter-Lab	85.6369, -22.8853, -2.5657

Details

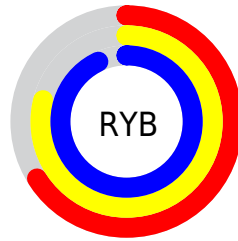
The Yxy color **73.3368, 0.2713, 0.3266** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **49.8020, 0.3747, 0.3314**, and the grayscale version is **67.7537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **38.7135, 0.2617, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **70.5661, 0.2589, 0.3257**, and if you desaturate by 10%, it is **76.5860, 0.2850, 0.3275**.

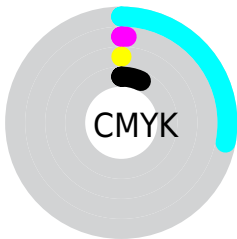
Distribution



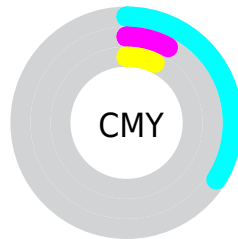
- Red (66%)
- Green (92%)
- Blue (93%)



- Red (66%)
- Yellow (79%)
- Blue (93%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)




- Cyan (34%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3368, 0.2713, 0.3266 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 73.3368, 0.2713, 0.3266 by changing the saturation by 10% instead.

 73.3368, 0.2713,
0.3266

 73.3368, 0.2713,
0.3266

472.1813, 0.2902,
0.3280

 54.2514, 0.2670,
0.3262

 123.9552, 0.2778,
0.3271

 38.8027, 0.2618,
0.3257

156.2570, 0.2804,
0.3273

 26.6063, 0.2553,
0.3250


193.7331, 0.2826,
0.3275

 17.2777, 0.2468,
0.3239

236.7679, 0.2845,
0.3276

 10.4327, 0.2354,
0.3224

285.7456, 0.2862,
0.3278

 5.6868, 0.2194,
0.3197

341.0509, 0.2877,

 2.6556, 0.1952,

0.3279

0.3149


403.0680, 0.2890,
0.3279


 0.9547, 0.1374,
0.3105


 0.0000, 0.0000,
0.0000


 73.3368, 0.2713,
0.3266


 73.3368, 0.2713,
0.3266


 70.5661, 0.2589,
0.3257


 76.5860, 0.2850,
0.3275

 68.2396, 0.2482,
0.3247

 80.3282, 0.2997,
0.3283


 66.3325, 0.2393,
0.3237


 84.5883, 0.3152,
0.3291

 64.8141, 0.2322,
0.3227


 87.7644, 0.3255,
0.3298

 63.6493, 0.2272,
0.3217


 88.1676, 0.3254,
0.3305

 62.7965, 0.2240,
0.3207


 88.5724, 0.3253,
0.3312

 62.1966, 0.2223,
0.3198

 88.9787, 0.3253,
0.3319

 62.1104, 0.2221,
0.3196

 89.3865, 0.3252,
0.3325

 89.7960, 0.3251,
0.3332

Harmonies

Analogous

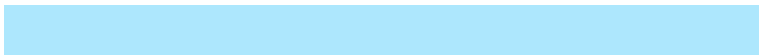
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3368, 0.2889, 0.3505



73.3368, 0.2713, 0.3266



73.3368, 0.2645, 0.3046

Triad

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



73.3368, 0.2713, 0.3266



73.3368, 0.3105, 0.2935



73.3368, 0.3568, 0.3671

Complementary

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



73.3368, 0.2713, 0.3266



49.8020, 0.3747, 0.3314

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.



73.3368, 0.3634, 0.3502



73.3368, 0.2713, 0.3266



73.3368, 0.3361, 0.3086

Square

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



73.3368, 0.2713, 0.3266



73.3368, 0.2865, 0.2868



73.3368, 0.3558, 0.3290



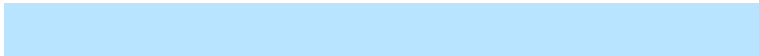
73.3368, 0.3382, 0.3743

Rectangle

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



73.3368, 0.2713, 0.3266



73.3368, 0.2668, 0.2941



73.3368, 0.3558, 0.3290



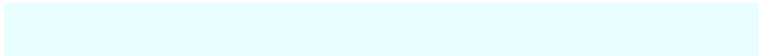
73.3368, 0.3605, 0.3623

Sweetspot

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



73.3397, 0.2713, 0.3266



95.4733, 0.2988, 0.3283



71.3214, 0.3082, 0.4100



20.2888, 0.2966, 0.3282



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.



73.3397, 0.2713, 0.3266



85.4778, 0.2640, 0.3261



56.4314, 0.2672, 0.2874



17.0412, 0.2981, 0.3283



34.2763, 0.2222, 0.3198



2.7156, 0.2225, 0.3211

Inverse Universe

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



52.1390, 0.3176, 0.2603



56.4326, 0.3187, 0.2466



63.6894, 0.3647, 0.3673



15.3057, 0.3142, 0.3065



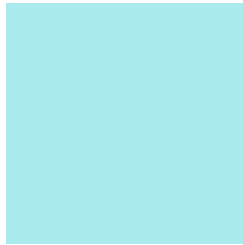
12.9530, 0.3284, 0.1583



1.0196, 0.3273, 0.1577

Previews

White Background



This preview shows how the Yxy color 73.3368, 0.2713, 0.3266 looks on a white background.

Color Contrast Check

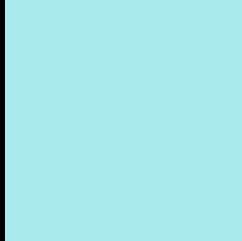
Large Text (above 18pt) WCAG AA × Fail

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 73.3368, 0.2713, 0.3266 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 73.3368, 0.2713, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 73.3368, 0.2713, 0.3266.

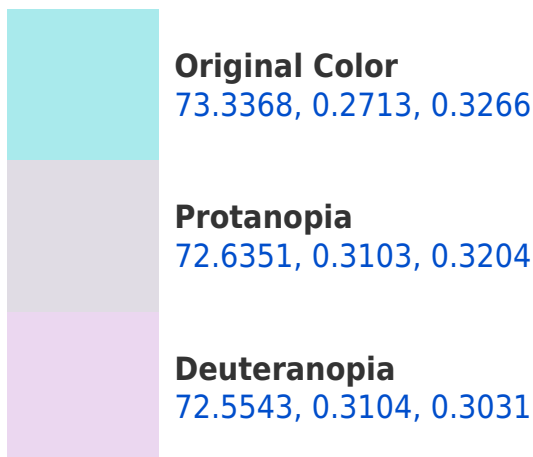


This preview shows how white text looks on a background with the Yxy color 73.3368, 0.2713, 0.3266.

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

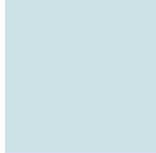
73.3860, 0.2655, 0.3086

Trichromacy



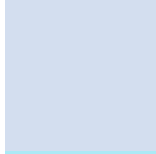
Original Color

73.3368, 0.2713, 0.3266



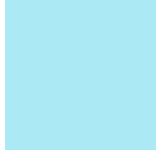
Protanomaly

72.4573, 0.2947, 0.3223



Deuteranomaly

72.3234, 0.2944, 0.3105



Tritanomaly

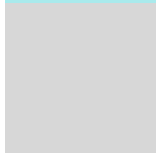
73.5283, 0.2676, 0.3153

Monochromacy



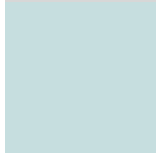
Original Color

73.3368, 0.2713, 0.3266



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.5760, 0.2956, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3368, 0.2713, 0.3266 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(169, 234, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 234, 236) }
```

Border

The CSS property to change the border of an element to Yxy 73.3368, 0.2713, 0.3266 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, 236) }
```

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

```
.border{ border-color:rgb(169, 234, 236) }
```

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, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 234, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 234, 236);  
box-shadow:4px 4px 4px 4px rgb(169, 234,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3368, 0.2713, 0.3266 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, 236) }
```

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

```
.background{ background-color: rgb(169,  
234, 236) }
```

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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