

Converting Colors

$Y_{xy}(73.2290, 0.2859, 0.3762)$

Have a look what the booklet for
Yxy(73.2290, 0.2859, 0.3762)
contains.

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Color

Yxy(73.3767, 0.2861, 0.3762)

Conversions

Conversions Part 1

Format	Color
Hex	A0EFC8
RGB	160, 239, 200
RGB Percent	63%, 94%, 78%
CMY	0.3722, 0.0628, 0.2157
CMYK	0.33, 0.00, 0.16, 0.06
HSL	150°, 71%, 78%
HSV	150°, 33%, 94%
XYZ	55.8030, 73.3767, 65.8674
YIQ	210.9330, -34.5650, -28.8770

Conversions

Conversions Part 2

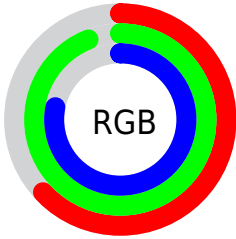
Format	Color
RYB	160, 212, 239
Decimal	10547144
CIELab	88.63, -32.30, 11.24
CIElCh	89, 34.205, 160.810
Yxy	73.3767, 0.2861, 0.3762
Android (android.graphics.Color)	4288737224 (0xFFA0EFC8)
YUV	210.9330, -5.3900, -44.6682
Hunter-Lab	85.6602, -33.6223, 14.3718

Details

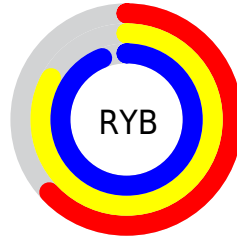
The Yxy color **73.3767, 0.2861, 0.3762** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **47.6501, 0.3517, 0.2865**, and the grayscale version is **65.1627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **38.9456, 0.2791, 0.3889** is the 20% darker color. If you saturate the color by 10%, you get **70.6160, 0.2795, 0.3935**, and if you desaturate by 10%, it is **76.6596, 0.2936, 0.3602**.

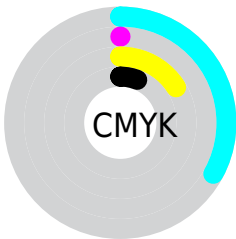
Distribution



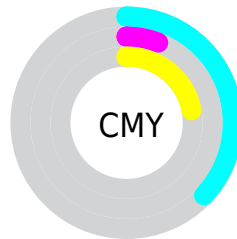
- Red (63%)
- Green (94%)
- Blue (78%)



- Red (63%)
- Yellow (83%)
- Blue (94%)



- Cyan (33%)
- Magenta (0%)
- Yellow (16%)
- Black (6%)



- Cyan (37%)
- Magenta (6%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3767, 0.2861, 0.3762 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 73.3767, 0.2861, 0.3762 by changing the saturation by 10% instead.


 73.3767, 0.2861,
0.3762


 73.3767, 0.2861,
0.3762

472.3194, 0.2988,
0.3536

 54.2840, 0.2831,
0.3815


 124.0118, 0.2906,
0.3682

 38.8288, 0.2794,
0.3882


 156.3231, 0.2923,
0.3652

 26.6266, 0.2746,
0.3969


193.8094, 0.2937,
0.3625

 17.2930, 0.2682,
0.4085

236.8550, 0.2950,
0.3603

 10.4436, 0.2593,
0.4248

285.8444, 0.2961,
0.3583

 5.6940, 0.2460,
0.4494


341.1620, 0.2971,

 2.6599, 0.2242,

0.3566


0.4903


403.1922, 0.2980,
0.3550


 0.9569, 0.0896,
0.7195


 0.0000, 0.0000,
0.0000


 73.3767, 0.2861,
0.3762


 73.3767, 0.2861,
0.3762


 70.6160, 0.2795,
0.3935


 76.6596, 0.2936,
0.3602


 68.3402, 0.2741,
0.4120

 80.4817, 0.3017,
0.3457

 66.5215, 0.2702,
0.4313

 84.8700, 0.3102,
0.3326

 65.1251, 0.2682,
0.4509

 89.7163, 0.3182,
0.3210

■ 64.1112, 0.2683,
0.4703

■ 90.2061, 0.3134,
0.3136

■ 63.4315, 0.2703,
0.4890

■ 63.1041, 0.2726,
0.5015

Harmonies

Analogous

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



73.3767, 0.3264, 0.4000



73.3767, 0.2861, 0.3762



73.3767, 0.2543, 0.3375

Triad

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



73.3767, 0.2861, 0.3762



73.3767, 0.2603, 0.2625



73.3767, 0.3935, 0.3502

Complementary

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



73.3767, 0.2861, 0.3762



47.6501, 0.3517, 0.2865

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.



73.3767, 0.3736, 0.3169



73.3767, 0.2861, 0.3762



73.3767, 0.2949, 0.2683

Square

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



73.3767, 0.2861, 0.3762



73.3767, 0.2404, 0.2728



73.3767, 0.3366, 0.2878



73.3767, 0.3897, 0.3808

Rectangle

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



73.3767, 0.2861, 0.3762



73.3767, 0.2416, 0.3111



73.3767, 0.3366, 0.2878



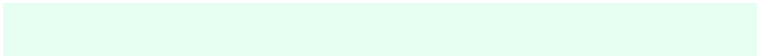
73.3767, 0.3894, 0.3390

Sweetspot

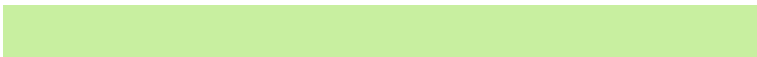
The Sweet Spot groups the original color and five complimentary colors.



73.3797, 0.2861, 0.3762



94.6952, 0.3042, 0.3417



76.4837, 0.3342, 0.4197



20.1207, 0.3030, 0.3435



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.



73.3797, 0.2861, 0.3762



82.6808, 0.2813, 0.3884



75.4407, 0.2657, 0.3289



17.7898, 0.3047, 0.3409



34.9032, 0.2719, 0.4987



2.9237, 0.2652, 0.4748

Inverse Universe

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



47.6501, 0.3517, 0.2865



48.3734, 0.3635, 0.2771



46.0643, 0.3898, 0.3292



15.8891, 0.3216, 0.3174



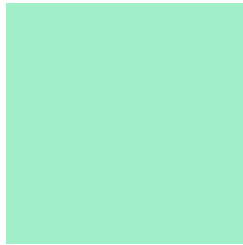
10.8915, 0.4983, 0.2519



0.9261, 0.4687, 0.2356

Previews

White Background



This preview shows how the Yxy color 73.3767, 0.2861, 0.3762 looks on a white background.

Color Contrast Check

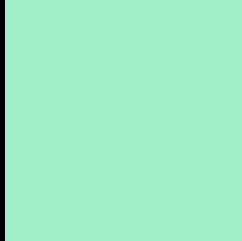
Large Text (above 18pt) WCAG AA × Fail

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 73.3767, 0.2861, 0.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

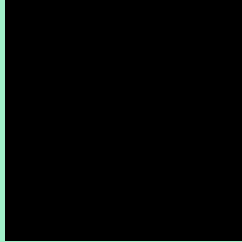
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

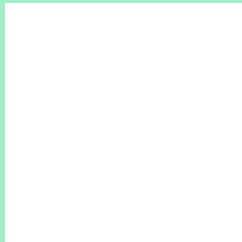
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3767, 0.2861, 0.3762

Background



This preview shows how black text looks on a background with the Yxy color 73.3767, 0.2861, 0.3762.

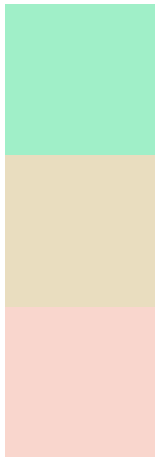


This preview shows how white text looks on a background with the Yxy color 73.3767, 0.2861, 0.3762.

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

73.3767, 0.2861, 0.3762

Protanopia

72.7981, 0.3420, 0.3615

Deuteranopia

72.6406, 0.3454, 0.3384



Tritanopia

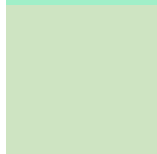
73.3362, 0.2644, 0.3075

Trichromacy



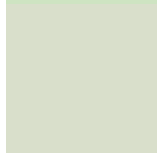
Original Color

73.3767, 0.2861, 0.3762



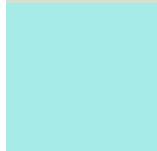
Protanomaly

72.5037, 0.3192, 0.3677



Deuteranomaly

71.8389, 0.3216, 0.3513



Tritanomaly

73.4583, 0.2724, 0.3324

Monochromacy



Original Color

73.3767, 0.2861, 0.3762



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.4244, 0.3015, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3767, 0.2861, 0.3762 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(160, 239, 200)` looks like.

```
.text, #text, p{  
    color:rgb(160, 239, 200)  
}
```

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(160, 239, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 239, 200) }
```

Border

The CSS property to change the border of an element to Yxy 73.3767, 0.2861, 0.3762 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(160, 239, 200) }
```

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

```
.border{ border-color:rgb(160, 239, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 239, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 239, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 239, 200);  
box-shadow:4px 4px 4px 4px rgb(160, 239,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3767, 0.2861, 0.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 239, 200) }
```

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

```
.background{ background-color: rgb(160,  
239, 200) }
```

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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