

Converting Colors

$Yxy(73.1207, 0.2659, 0.3363)$

Have a look what the booklet for
Yxy(73.1207, 0.2659, 0.3363)
contains.

Yxy(73.1102, 0.2658, 0.3360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.1102, 0.2658, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	99EDE7
RGB	153, 237, 231
RGB Percent	60%, 93%, 91%
CMY	0.4002, 0.0705, 0.0942
CMYK	0.35, 0.00, 0.03, 0.07
HSL	176°, 70%, 76%
HSV	176°, 35%, 93%
XYZ	57.8354, 73.1102, 86.6443
YIQ	211.2000, -48.1380, -19.6740

Conversions

Conversions Part 2

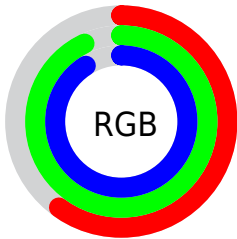
Format	Color
RYB	153, 197, 237
Decimal	10087911
CIELab	88.50, -26.74, -5.16
CIELCh	89, 27.229, 190.928
Yxy	73.1102, 0.2658, 0.3360
Android (android.graphics.Color)	4288277991 (0xFF99EDE7)
YUV	211.2000, 9.7614, -51.0414
Hunter-Lab	85.5045, -28.8952, -0.2272

Details

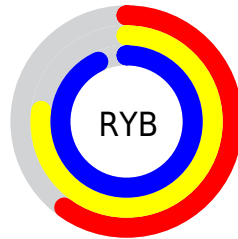
The Yxy color **73.1102, 0.2658, 0.3360** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.2790, 0.3916, 0.3224**, and the grayscale version is **65.2331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **38.7237, 0.2547, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **70.9364, 0.2554, 0.3383**, and if you desaturate by 10%, it is **75.7488, 0.2777, 0.3338**.

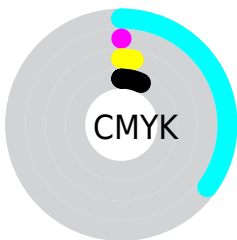
Distribution



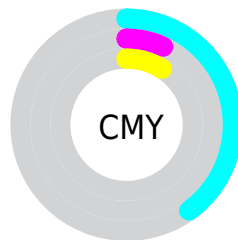
- Red (60%)
- Green (93%)
- Blue (91%)



- Red (60%)
- Yellow (77%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)





- Cyan (40%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1102, 0.2658, 0.3360 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 73.1102, 0.2658, 0.3360 by changing the saturation by 10% instead.

 73.1102, 0.2658,
0.3360

 73.1102, 0.2658,
0.3360


471.3967, 0.2872,
0.3331

 54.0661, 0.2610,
0.3366


 123.6336, 0.2732,
0.3350

 38.6545, 0.2550,
0.3373


 155.8817, 0.2761,
0.3347

 26.4910, 0.2476,
0.3381


193.3000, 0.2786,
0.3343

 17.1914, 0.2379,
0.3391

236.2727, 0.2807,
0.3340

 10.3710, 0.2250,
0.3402

285.1843, 0.2827,
0.3337

 5.6456, 0.2068,
0.3413

340.4193, 0.2844,

 2.6308, 0.1795,

0.3335

402.3619, 0.2859,
0.3333

0.3422

0.9422, 0.0918,
0.3577

0.0000, 0.0000,
0.0000

73.1102, 0.2658,
0.3360

73.1102, 0.2658,
0.3360

70.9364, 0.2554,
0.3383

75.7488, 0.2777,
0.3338

69.1913, 0.2468,
0.3407

78.8684, 0.2908,
0.3318

67.8477, 0.2400,
0.3431

82.4951, 0.3048,
0.3299

66.8715, 0.2352,
0.3455

86.6507, 0.3194,
0.3283

■ 66.2231, 0.2323,
0.3480

■ 88.0978, 0.3232,
0.3266

■ 65.8537, 0.2311,
0.3504

■ 88.1993, 0.3221,
0.3250

■ 65.7432, 0.2310,
0.3515

■ 88.3017, 0.3211,
0.3233

■ 88.4050, 0.3200,
0.3216

■ 88.5093, 0.3189,
0.3200

Harmonies

Analogous

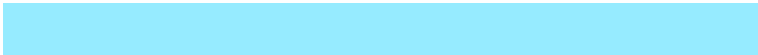
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1102, 0.2916, 0.3660



73.1102, 0.2658, 0.3360



73.1102, 0.2525, 0.3057

Triad

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



73.1102, 0.2658, 0.3360



73.1102, 0.2988, 0.2798



73.1102, 0.3742, 0.3712

Complementary

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



73.1102, 0.2658, 0.3360



43.2790, 0.3916, 0.3224

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.



73.1102, 0.3769, 0.3468



73.1102, 0.2658, 0.3360



73.1102, 0.3321, 0.2958

Square

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



73.1102, 0.2658, 0.3360



73.1102, 0.2708, 0.2753



73.1102, 0.3613, 0.3197



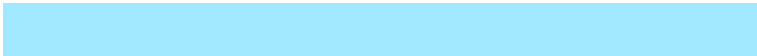
73.1102, 0.3544, 0.3860

Rectangle

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



73.1102, 0.2658, 0.3360



73.1102, 0.2520, 0.2899



73.1102, 0.3613, 0.3197



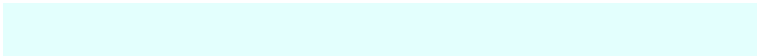
73.1102, 0.3772, 0.3638

Sweetspot

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



73.1131, 0.2658, 0.3360



94.9336, 0.2969, 0.3310



70.3451, 0.3121, 0.4345



20.1972, 0.2950, 0.3312



0.0000, 0.0000, 0.0000



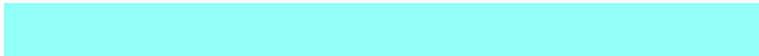
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1131, 0.2658, 0.3360



84.2944, 0.2577, 0.3378



55.1204, 0.2569, 0.2859



17.1021, 0.2991, 0.3307



35.8967, 0.2309, 0.3511



2.8244, 0.2299, 0.3477

Inverse Universe

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



43.2790, 0.3916, 0.3224



43.9254, 0.4180, 0.3211



56.2642, 0.3839, 0.3682



15.0716, 0.3282, 0.3273



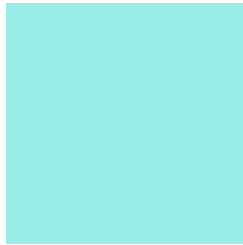
9.8589, 0.6322, 0.3256



0.7803, 0.6123, 0.3147

Previews

White Background



This preview shows how the Yxy color 73.1102, 0.2658, 0.3360 looks on a white background.

Color Contrast Check

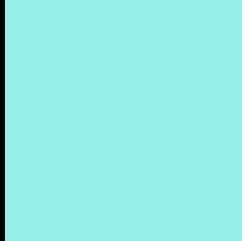
Large Text (above 18pt) WCAG AA × Fail

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 73.1102, 0.2658, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

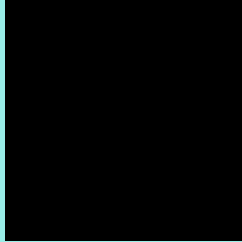
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1102, 0.2658, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 73.1102, 0.2658, 0.3360.

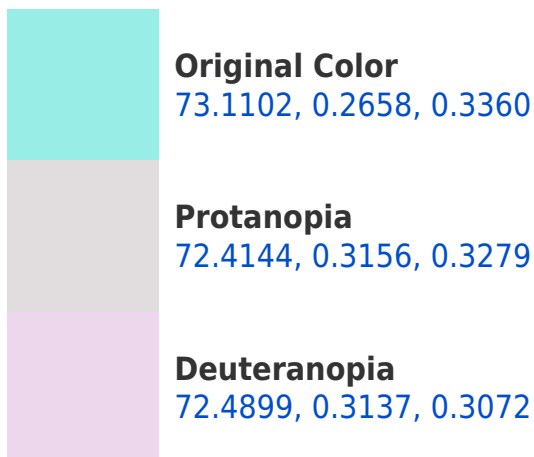


This preview shows how white text looks on a background with the Yxy color 73.1102, 0.2658, 0.3360.

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

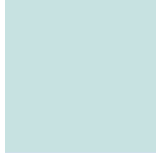
73.2066, 0.2571, 0.3072

Trichromacy



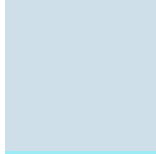
Original Color

73.1102, 0.2658, 0.3360



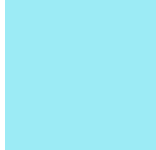
Protanomaly

71.9711, 0.2951, 0.3301



Deuteranomaly

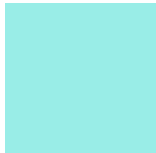
71.8377, 0.2942, 0.3169



Tritanomaly

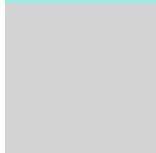
73.0772, 0.2601, 0.3173

Monochromacy



Original Color

73.1102, 0.2658, 0.3360



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.1955, 0.2932, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1102, 0.2658, 0.3360 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(153, 237, 231)` looks like.

```
.text, #text, p{  
    color:rgb(153, 237, 231)  
}
```

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(153, 237, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 237, 231) }
```

Border

The CSS property to change the border of an element to Yxy 73.1102, 0.2658, 0.3360 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(153, 237, 231) }
```

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

```
.border{ border-color:rgb(153, 237, 231) }
```

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

Here you see how a box with a 4 pixel rgb(153, 237, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 237, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 237, 231);  
box-shadow:4px 4px 4px 4px rgb(153, 237,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1102, 0.2658, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 237, 231) }
```

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

```
.background{ background-color: rgb(153,  
237, 231) }
```

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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