

Converting Colors

$Yxy(73.0788, 0.2622, 0.3299)$

Have a look what the booklet for
Yxy(73.0788, 0.2622, 0.3299)
contains.

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Color

Yxy(73.2038, 0.2623, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	97EDEC
RGB	151, 237, 236
RGB Percent	59%, 93%, 93%
CMY	0.4079, 0.0706, 0.0744
CMYK	0.36, 0.00, 0.00, 0.07
HSL	179°, 71%, 76%
HSV	179°, 36%, 93%
XYZ	58.1859, 73.2038, 90.4400
YIQ	211.1720, -50.9350, -18.5430

Conversions

Conversions Part 2

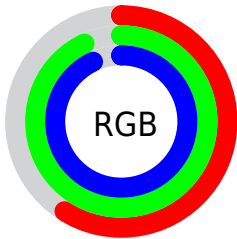
Format	Color
RYB	151, 194, 237
Decimal	9956844
CIELab	88.54, -26.07, -7.75
CIELCh	89, 27.201, 196.560
Yxy	73.2038, 0.2623, 0.3300
Android (android.graphics.Color)	4288146924 (0xFF97EDEC)
YUV	211.1720, 12.2402, -52.7708
Hunter-Lab	85.5592, -28.3368, -2.7808

Details

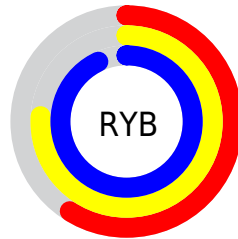
The Yxy color **73.2038, 0.2623, 0.3300** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.3958, 0.3998, 0.3282**, and the grayscale version is **65.2024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **38.7759, 0.2512, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **71.1473, 0.2516, 0.3303**, and if you desaturate by 10%, it is **75.7219, 0.2746, 0.3297**.

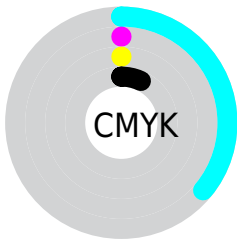
Distribution



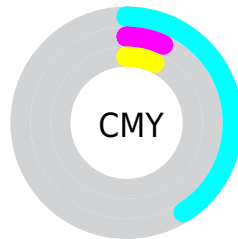
- Red (59%)
- Green (93%)
- Blue (93%)



- Red (59%)
- Yellow (76%)
- Blue (93%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)




- Cyan (41%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2038, 0.2623, 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 73.2038, 0.2623, 0.3300 by changing the saturation by 10% instead.


 73.2038, 0.2623,
0.3300


 73.2038, 0.2623,
0.3300


471.7208, 0.2853,
0.3300

 54.1426, 0.2571,
0.3299


 123.7665, 0.2702,
0.3301

 38.7157, 0.2508,
0.3297


 156.0368, 0.2733,
0.3301

 26.5386, 0.2429,
0.3295


193.4789, 0.2760,
0.3301

 17.2270, 0.2327,
0.3289

236.4773, 0.2783,
0.3301

 10.3965, 0.2191,
0.3280

285.4163, 0.2803,
0.3300

 5.6626, 0.2001,
0.3261

340.6802, 0.2822,

 2.6410, 0.1718,

0.3300

402.6536, 0.2838,
0.3300

0.3220

0.9473, 0.0900,
0.3246

0.0000, 0.0000,
0.0000

73.2038, 0.2623,
0.3300

73.2038, 0.2623,
0.3300

71.1473, 0.2516,
0.3303

75.7219, 0.2746,
0.3297

69.5161, 0.2427,
0.3307

78.7181, 0.2883,
0.3294


68.2829, 0.2357,
0.3310

82.2186, 0.3030,
0.3292

67.4131, 0.2306,
0.3314


86.2452, 0.3185,
0.3289

 66.8665, 0.2275,
0.3317


 87.9686, 0.3246,
0.3287


 66.5929, 0.2259,
0.3321

 87.9844, 0.3244,
0.3284

 66.5305, 0.2256,
0.3322

 88.0002, 0.3242,
0.3281

 88.0160, 0.3240,
0.3279

 88.0319, 0.3239,
0.3276

Harmonies

Analogous

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



73.2038, 0.2861, 0.3609



73.2038, 0.2623, 0.3300



73.2038, 0.2518, 0.3008

Triad

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



73.2038, 0.2623, 0.3300



73.2038, 0.3049, 0.2821



73.2038, 0.3715, 0.3749

Complementary

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



73.2038, 0.2623, 0.3300



42.3958, 0.3998, 0.3282

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.



73.2038, 0.3778, 0.3518



73.2038, 0.2623, 0.3300



73.2038, 0.3382, 0.2998

Square

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



73.2038, 0.2623, 0.3300



73.2038, 0.2753, 0.2752



73.2038, 0.3654, 0.3247



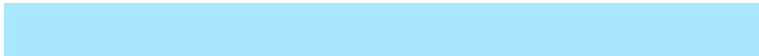
73.2038, 0.3492, 0.3871

Rectangle

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



73.2038, 0.2623, 0.3300



73.2038, 0.2532, 0.2865



73.2038, 0.3654, 0.3247



73.2038, 0.3756, 0.3681

Sweetspot

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



73.2067, 0.2623, 0.3300



95.0422, 0.2959, 0.3293



69.5205, 0.3084, 0.4385



20.2233, 0.2939, 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.



73.2067, 0.2623, 0.3300



84.4799, 0.2537, 0.3303



51.9121, 0.2546, 0.2773



17.1188, 0.2983, 0.3292



36.3224, 0.2256, 0.3322



2.8531, 0.2255, 0.3317

Inverse Universe

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



42.3958, 0.3998, 0.3282



42.8609, 0.4291, 0.3280



58.1832, 0.3837, 0.3753



15.0568, 0.3291, 0.3288



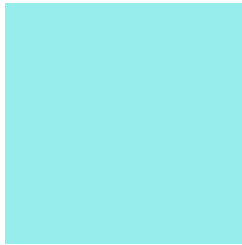
9.8343, 0.6388, 0.3293



0.7732, 0.6355, 0.3274

Previews

White Background



This preview shows how the Yxy color 73.2038, 0.2623, 0.3300 looks on a white background.

Color Contrast Check

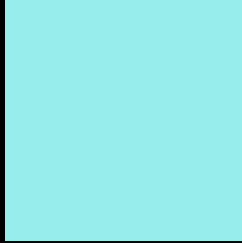
Large Text (above 18pt) WCAG AA × Fail

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 73.2038, 0.2623, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

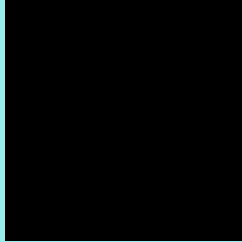
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2038, 0.2623, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 73.2038, 0.2623, 0.3300.

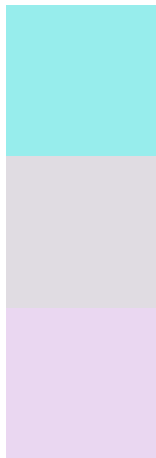


This preview shows how white text looks on a background with the Yxy color 73.2038, 0.2623, 0.3300.

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



Original Color

73.2038, 0.2623, 0.3300

Protanopia

72.5247, 0.3116, 0.3226

Deuteranopia

72.4442, 0.3090, 0.3020



Tritanopia

72.9060, 0.2556, 0.3071

Trichromacy



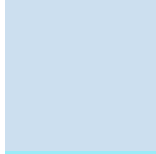
Original Color

73.2038, 0.2623, 0.3300



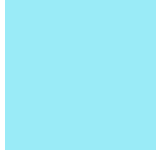
Protanomaly

71.9762, 0.2908, 0.3245



Deuteranomaly

71.8447, 0.2898, 0.3114



Tritanomaly

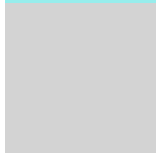
73.0021, 0.2581, 0.3150

Monochromacy



Original Color

73.2038, 0.2623, 0.3300



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.1725, 0.2914, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2038, 0.2623, 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(151, 237, 236)` looks like.

```
.text, #text, p{  
    color:rgb(151, 237, 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(151, 237, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 237, 236) }
```

Border

The CSS property to change the border of an element to Yxy 73.2038, 0.2623, 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(151, 237, 236) }
```

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

```
.border{ border-color:rgb(151, 237, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 237, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 237, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 237, 236);  
box-shadow:4px 4px 4px 4px rgb(151, 237,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2038, 0.2623, 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(151, 237, 236) }
```

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

```
.background{ background-color: rgb(151,  
237, 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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