

Converting Colors

$Yxy(73.0415, 0.2687, 0.3300)$

Have a look what the booklet for
Yxy(73.0415, 0.2687, 0.3300)
contains.

Yxy(73.0386, 0.2687, 0.3300)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.0386, 0.2687, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	A2EBEA
RGB	162, 235, 234
RGB Percent	64%, 92%, 92%
CMY	0.3645, 0.0785, 0.0823
CMYK	0.31, 0.00, 0.00, 0.08
HSL	179°, 65%, 78%
HSV	179°, 31%, 92%
XYZ	59.4711, 73.0386, 88.8194
YIQ	213.0590, -43.1870, -15.7870

Conversions

Conversions Part 2

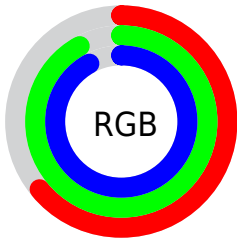
Format	Color
RYB	162, 199, 235
Decimal	10677226
CIELab	88.47, -22.63, -6.76
CIELCh	88, 23.619, 196.628
Yxy	73.0386, 0.2687, 0.3300
Android (android.graphics.Color)	4288867306 (0xFFA2EBEA)
YUV	213.0590, 10.3239, -44.7787
Hunter-Lab	85.4626, -25.3463, -1.7949

Details

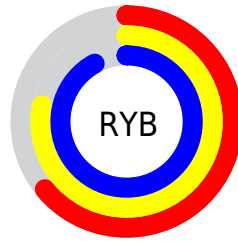
The Yxy color **73.0386, 0.2687, 0.3300** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.1693, 0.3824, 0.3281**, and the grayscale version is **66.5431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **38.5804, 0.2588, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **70.7871, 0.2571, 0.3304**, and if you desaturate by 10%, it is **75.7559, 0.2818, 0.3296**.

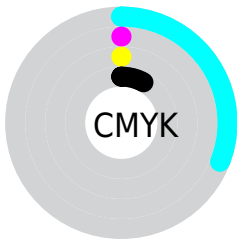
Distribution



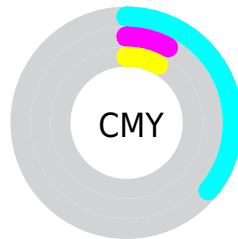
- Red (64%)
- Green (92%)
- Blue (92%)



- Red (64%)
- Yellow (78%)
- Blue (92%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)





- Cyan (36%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0386, 0.2687, 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 73.0386, 0.2687, 0.3300 by changing the saturation by 10% instead.

 73.0386, 0.2687,
0.3300

 73.0386, 0.2687,
0.3300


471.1486, 0.2888,
0.3299

 54.0075, 0.2642,
0.3300


 123.5320, 0.2756,
0.3300

 38.6077, 0.2586,
0.3299


 155.7631, 0.2783,
0.3300

 26.4547, 0.2516,
0.3297


193.1631, 0.2807,
0.3300

 17.1641, 0.2426,
0.3293

236.1162, 0.2827,
0.3300

 10.3515, 0.2305,
0.3287

285.0069, 0.2845,
0.3299

 5.6327, 0.2134,
0.3273

340.2196, 0.2861,

 2.6230, 0.1878,

0.3299

402.1387, 0.2875,
0.3299

0.3243

0.9383, 0.1178,
0.3267

0.0000, 0.0000,
0.0000

73.0386, 0.2687,
0.3300

73.0386, 0.2687,
0.3300

70.7871, 0.2571,
0.3304

75.7559, 0.2818,
0.3296

68.9668, 0.2472,
0.3308

78.9539, 0.2960,
0.3293

67.5527, 0.2392,
0.3312

82.6574, 0.3111,
0.3290

66.5131, 0.2332,
0.3316

86.6857, 0.3261,
0.3288

■ 65.8121, 0.2291,
0.3320

■ 86.7039, 0.3259,
0.3285

■ 65.4063, 0.2267,
0.3325

■ 86.7220, 0.3257,
0.3282

■ 65.2302, 0.2258,
0.3328

■ 86.7402, 0.3255,
0.3278

■ 86.7585, 0.3253,
0.3275

■ 86.7767, 0.3251,
0.3272

Harmonies

Analogous

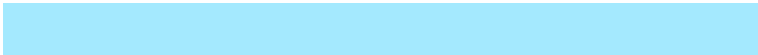
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0386, 0.2896, 0.3565



73.0386, 0.2687, 0.3300



73.0386, 0.2594, 0.3047

Triad

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



73.0386, 0.2687, 0.3300



73.0386, 0.3061, 0.2879



73.0386, 0.3638, 0.3692

Complementary

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



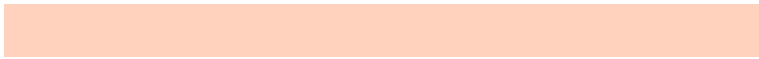
73.0386, 0.2687, 0.3300



46.1693, 0.3824, 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.



73.0386, 0.3692, 0.3493



73.0386, 0.2687, 0.3300



73.0386, 0.3350, 0.3035

Square

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



73.0386, 0.2687, 0.3300



73.0386, 0.2802, 0.2819



73.0386, 0.3584, 0.3255



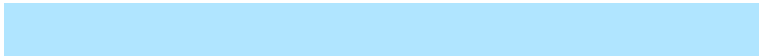
73.0386, 0.3446, 0.3793

Rectangle

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



73.0386, 0.2687, 0.3300



73.0386, 0.2606, 0.2921



73.0386, 0.3584, 0.3255



73.0386, 0.3674, 0.3634

Sweetspot

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



73.0415, 0.2687, 0.3300



95.8845, 0.2989, 0.3293



69.8387, 0.3092, 0.4202



20.3910, 0.2968, 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.



73.0415, 0.2687, 0.3300



86.2001, 0.2614, 0.3302



54.8752, 0.2632, 0.2860



17.1182, 0.2983, 0.3293



36.3082, 0.2258, 0.3328



2.8522, 0.2256, 0.3322

Inverse Universe

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



46.1693, 0.3824, 0.3281



49.2329, 0.4026, 0.3279



60.3459, 0.3713, 0.3684



15.0573, 0.3291, 0.3287



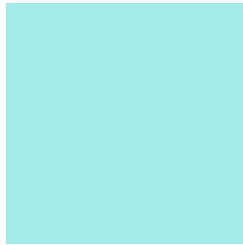
9.8351, 0.6386, 0.3292



0.7734, 0.6347, 0.3270

Previews

White Background



This preview shows how the Yxy color 73.0386, 0.2687, 0.3300 looks on a white background.

Color Contrast Check

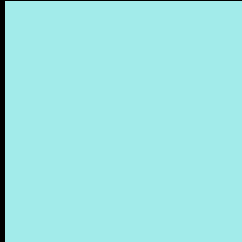
Large Text (above 18pt) WCAG AA × Fail

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 73.0386, 0.2687, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

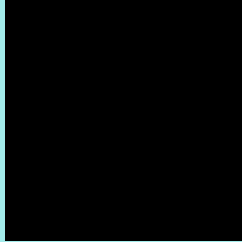
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0386, 0.2687, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 73.0386, 0.2687, 0.3300.

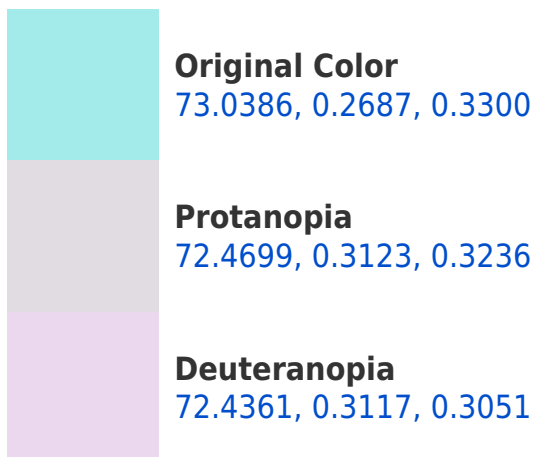


This preview shows how white text looks on a background with the Yxy color 73.0386, 0.2687, 0.3300.

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

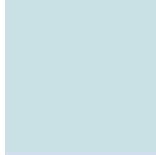
72.7853, 0.2618, 0.3073

Trichromacy



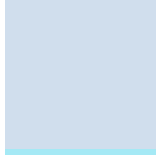
Original Color

73.0386, 0.2687, 0.3300



Protanomaly

71.8694, 0.2946, 0.3256



Deuteranomaly

71.7669, 0.2936, 0.3126



Tritanomaly

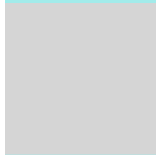
72.8697, 0.2644, 0.3151

Monochromacy



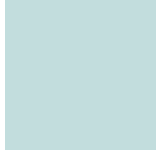
Original Color

73.0386, 0.2687, 0.3300



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.4027, 0.2941, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0386, 0.2687, 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(162, 235, 234)` looks like.

```
.text, #text, p{  
    color:rgb(162, 235, 234)  
}
```

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(162, 235, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 235, 234) }
```

Border

The CSS property to change the border of an element to Yxy 73.0386, 0.2687, 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(162, 235, 234) }
```

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

```
.border{ border-color:rgb(162, 235, 234) }
```

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

Here you see how a box with a 4 pixel rgb(162, 235, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 235, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 235, 234);  
box-shadow:4px 4px 4px 4px rgb(162, 235,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0386, 0.2687, 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(162, 235, 234) }
```

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

```
.background{ background-color: rgb(162,  
235, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor