

Converting Colors

$Yxy(73.2891, 0.2876, 0.3345)$

Have a look what the booklet for
Yxy(73.2891, 0.2876, 0.3345)
contains.

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Color

Yxy(73.3342, 0.2877, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	BCE7E2
RGB	188, 231, 226
RGB Percent	74%, 91%, 89%
CMY	0.2625, 0.0942, 0.1137
CMYK	0.19, 0.00, 0.02, 0.09
HSL	173°, 47%, 82%
HSV	173°, 19%, 91%
XYZ	63.0551, 73.3342, 82.7804
YIQ	217.5730, -24.0230, -10.6710

Conversions

Conversions Part 2

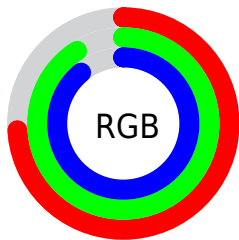
Format	Color
R _Y B	188, 211, 231
Decimal	12380130
CIE Lab	88.61, -14.81, -2.18
CIE LCh	89, 14.973, 188.375
Yxy	73.3342, 0.2877, 0.3346
Android (android.graphics.Color)	4290570210 (0xFFBCE7E2)
YUV	217.5730, 4.1545, -25.9355
Hunter-Lab	85.6354, -18.4286, 2.6314

Details

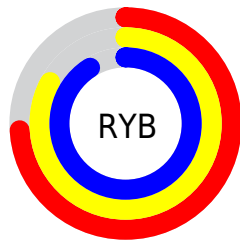
The Yxy color **73.3342, 0.2877, 0.3346** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.8383, 0.3448, 0.3235**, and the grayscale version is **69.7954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **38.6686, 0.2816, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **70.4868, 0.2755, 0.3380**, and if you desaturate by 10%, it is **76.6595, 0.3009, 0.3315**.

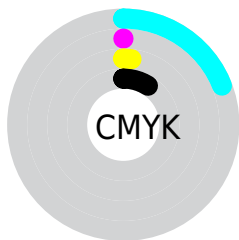
Distribution



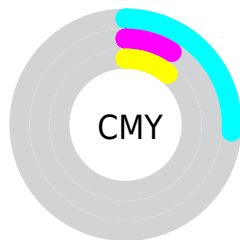
- Red (74%)
- Green (91%)
- Blue (89%)



- Red (74%)
- Yellow (83%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)




- Cyan (26%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3342, 0.2877, 0.3346 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 73.3342, 0.2877, 0.3346 by changing the saturation by 10% instead.


 73.3342, 0.2877,
0.3346

 73.3342, 0.2877,
0.3346


472.1723, 0.2992,
0.3321

 54.2493, 0.2851,
0.3352

 123.9515, 0.2917,
0.3337

 38.8010, 0.2819,
0.3358

156.2527, 0.2932,
0.3334

 26.6049, 0.2778,
0.3367


193.7282, 0.2946,
0.3331

 17.2767, 0.2725,
0.3378

236.7622, 0.2957,
0.3329

 10.4320, 0.2653,
0.3392

285.7392, 0.2968,
0.3326

 5.6863, 0.2549,
0.3411

341.0436, 0.2977,

 2.6553, 0.2389,

0.3324

0.3440

403.0599, 0.2985,
0.3323

0.9545, 0.2010,
0.3527

0.0000, 0.0000,
0.0000

73.3342, 0.2877,
0.3346

73.3342, 0.2877,
0.3346

70.4868, 0.2755,
0.3380

76.6595, 0.3009,
0.3315

68.0859, 0.2645,
0.3416

80.4745, 0.3147,
0.3286

66.1105, 0.2550,
0.3454

84.3494, 0.3273,
0.3260


64.5343, 0.2472,
0.3494


84.5050, 0.3255,
0.3234


 63.3278, 0.2413,
0.3534


 84.6630, 0.3238,
0.3208


 62.4577, 0.2374,
0.3575


 84.8234, 0.3220,
0.3181


 61.8847, 0.2354,
0.3616

 84.9861, 0.3203,
0.3155

 61.5508, 0.2350,
0.3656

 85.1512, 0.3186,
0.3130

 61.5112, 0.2350,
0.3661

 85.3187, 0.3169,
0.3104

Harmonies

Analogous

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



73.3342, 0.3028, 0.3500



73.3342, 0.2877, 0.3346



73.3342, 0.2793, 0.3180

Triad

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



73.3342, 0.2877, 0.3346



73.3342, 0.3038, 0.3007



73.3342, 0.3469, 0.3519

Complementary

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



73.3342, 0.2877, 0.3346



56.8383, 0.3448, 0.3235

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.



73.3342, 0.3474, 0.3383



73.3342, 0.2877, 0.3346



73.3342, 0.3221, 0.3093

Square

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



73.3342, 0.2877, 0.3346



73.3342, 0.2884, 0.2990



73.3342, 0.3381, 0.3229



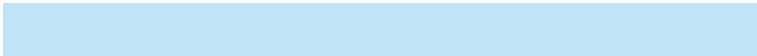
73.3342, 0.3371, 0.3599

Rectangle

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



73.3342, 0.2877, 0.3346



73.3342, 0.2785, 0.3088



73.3342, 0.3381, 0.3229



73.3342, 0.3482, 0.3478

Sweetspot

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



73.3372, 0.2877, 0.3346



97.0987, 0.3044, 0.3307



72.1277, 0.3137, 0.3792



20.7185, 0.3035, 0.3309



0.0000, 0.0000, 0.0000



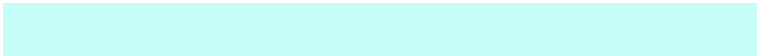
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3372, 0.2877, 0.3346



90.4553, 0.2832, 0.3358



64.8356, 0.2838, 0.3100



16.3060, 0.2997, 0.3317



34.4998, 0.2349, 0.3655



2.5576, 0.2332, 0.3596

Inverse Universe

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



56.8383, 0.3448, 0.3235



66.4891, 0.3526, 0.3224



64.0567, 0.3457, 0.3473



14.3951, 0.3274, 0.3263



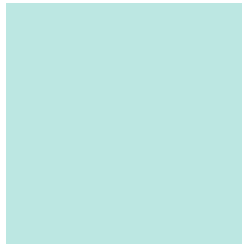
9.5775, 0.6255, 0.3219



0.7168, 0.5949, 0.3051

Previews

White Background



This preview shows how the Yxy color 73.3342, 0.2877, 0.3346 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 73.3342, 0.2877, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

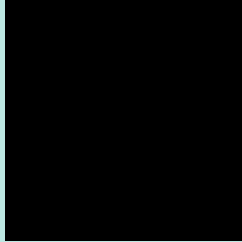
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

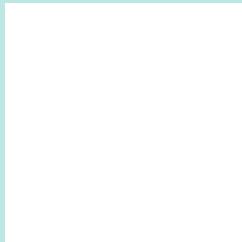
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3342, 0.2877, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 73.3342, 0.2877, 0.3346.

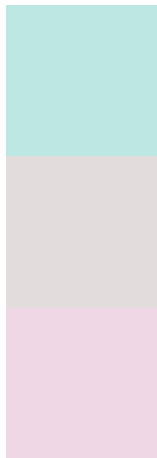


This preview shows how white text looks on a background with the Yxy color 73.3342, 0.2877, 0.3346.

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

73.3342, 0.2877, 0.3346

Protanopia

73.0490, 0.3169, 0.3301

Deuteranopia

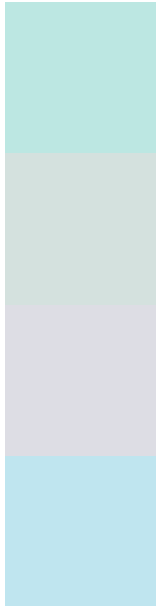
72.7833, 0.3214, 0.3145



Tritanopia

73.3471, 0.2786, 0.3091

Trichromacy



Original Color

73.3342, 0.2877, 0.3346

Protanomaly

73.1214, 0.3057, 0.3323

Deuteranomaly

72.6865, 0.3081, 0.3214

Tritanomaly

73.3470, 0.2820, 0.3178

Monochromacy



Original Color

73.3342, 0.2877, 0.3346

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.2612, 0.3029, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3342, 0.2877, 0.3346 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(188, 231, 226)` looks like.

```
.text, #text, p{  
    color:rgb(188, 231, 226)  
}
```

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(188, 231, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 231, 226) }
```

Border

The CSS property to change the border of an element to Yxy 73.3342, 0.2877, 0.3346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

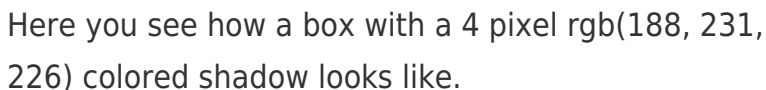
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 231, 226) }
```

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

```
.border{ border-color:rgb(188, 231, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 231, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 231, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 231, 226);  
box-shadow:4px 4px 4px 4px rgb(188, 231,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3342, 0.2877, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 231, 226) }
```

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

```
.background{ background-color: rgb(188,  
231, 226) }
```

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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