

Converting Colors

$Yxy(73.1033, 0.2840, 0.3398)$

Have a look what the booklet for
Yxy(73.1033, 0.2840, 0.3398)
contains.

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Color

Yxy(73.1892, 0.2840, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	B3E9DF
RGB	179, 233, 223
RGB Percent	70%, 91%, 87%
CMY	0.2981, 0.0862, 0.1255
CMYK	0.23, 0.00, 0.04, 0.09
HSL	169°, 55%, 81%
HSV	169°, 23%, 91%
XYZ	61.0447, 73.1892, 80.7123
YIQ	215.7140, -28.9740, -14.5580

Conversions

Conversions Part 2

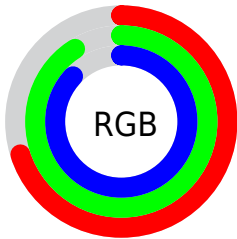
Format	Color
RYB	179, 209, 233
Decimal	11790815
CIELab	88.54, -19.20, -0.77
CIELCh	89, 19.216, 182.288
Yxy	73.1892, 0.2840, 0.3405
Android (android.graphics.Color)	4289980895 (0xFFB3E9DF)
YUV	215.7140, 3.5920, -32.1982
Hunter-Lab	85.5507, -22.3449, 3.9487

Details

The Yxy color **73.1892, 0.2840, 0.3405** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **53.2351, 0.3518, 0.3179**, and the grayscale version is **68.4541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **38.6314, 0.2772, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **70.4165, 0.2730, 0.3462**, and if you desaturate by 10%, it is **76.4429, 0.2960, 0.3352**.

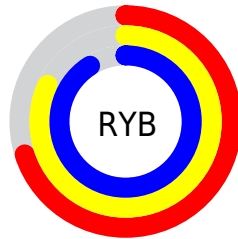
Distribution



Red (70%)

Green (91%)

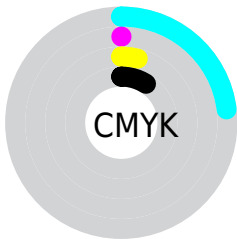
Blue (87%)



Red (70%)

Yellow (82%)

Blue (91%)

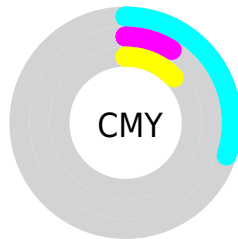


Cyan (23%)

Magenta (0%)

Yellow (4%)

Black (9%)



Cyan (30%)


Magenta (9%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1892, 0.2840, 0.3405 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 73.1892, 0.2840, 0.3405 by changing the saturation by 10% instead.


 73.1892, 0.2840,
0.3405

 73.1892, 0.2840,
0.3405


471.6703, 0.2972,
0.3352

 54.1307, 0.2810,
0.3417


 123.7458, 0.2886,
0.3387

 38.7061, 0.2773,
0.3432


156.0126, 0.2904,
0.3380

 26.5312, 0.2726,
0.3450


193.4510, 0.2919,
0.3374

 17.2215, 0.2664,
0.3474

236.4454, 0.2932,
0.3368

 10.3925, 0.2581,
0.3507

285.3801, 0.2944,
0.3364

 5.6600, 0.2462,
0.3553

340.6395, 0.2955,

 2.6394, 0.2276,

0.3359

0.3624

402.6081, 0.2964,
0.3356

0.9465, 0.1744,
0.3842

0.0000, 0.0000,
0.0000

73.1892, 0.2840,
0.3405

73.1892, 0.2840,
0.3405

70.4165, 0.2730,
0.3462

76.4429, 0.2960,
0.3352

68.0922, 0.2633,
0.3523


80.1907, 0.3086,
0.3304


66.1937, 0.2552,
0.3586


84.4560, 0.3216,
0.3261

64.6927, 0.2488,
0.3652


85.8505, 0.3230,
0.3219

 63.5575, 0.2443,
0.3720


 86.1109, 0.3203,
0.3177

 62.7515, 0.2419,
0.3788

 86.3774, 0.3175,
0.3136

 62.2303, 0.2413,
0.3855

 86.6501, 0.3148,
0.3095

 61.9913, 0.2417,
0.3900

 86.7628, 0.3137,
0.3078

Harmonies

Analogous

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



73.1892, 0.3044, 0.3595



73.1892, 0.2840, 0.3405



73.1892, 0.2714, 0.3188

Triad

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



73.1892, 0.2840, 0.3405



73.1892, 0.2967, 0.2918



73.1892, 0.3579, 0.3550

Complementary

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



73.1892, 0.2840, 0.3405



53.2351, 0.3518, 0.3179

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.



73.1892, 0.3559, 0.3367



73.1892, 0.2840, 0.3405



73.1892, 0.3198, 0.3011

Square

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



73.1892, 0.2840, 0.3405



73.1892, 0.2785, 0.2915



73.1892, 0.3417, 0.3172



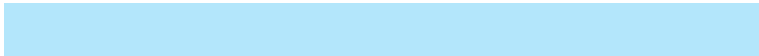
73.1892, 0.3474, 0.3673

Rectangle

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



73.1892, 0.2840, 0.3405



73.1892, 0.2688, 0.3062



73.1892, 0.3417, 0.3172



73.1892, 0.3587, 0.3493

Sweetspot

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



73.1922, 0.2840, 0.3405



96.5589, 0.3037, 0.3322



72.4574, 0.3169, 0.3928



20.6072, 0.3029, 0.3325



0.0000, 0.0000, 0.0000



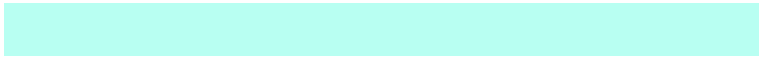
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1922, 0.2840, 0.3405



88.0572, 0.2784, 0.3433



64.9900, 0.2770, 0.3100



17.0712, 0.3006, 0.3334



35.1894, 0.2414, 0.3890



2.7756, 0.2388, 0.3797

Inverse Universe

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



53.2351, 0.3518, 0.3179



59.3991, 0.3629, 0.3154



59.6967, 0.3565, 0.3472



15.0997, 0.3264, 0.3247



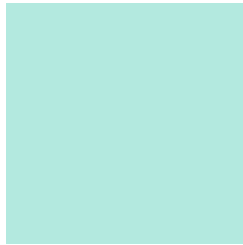
9.9429, 0.6109, 0.3139



0.7936, 0.5743, 0.2937

Previews

White Background



This preview shows how the Yxy color 73.1892, 0.2840, 0.3405 looks on a white background.

Color Contrast Check

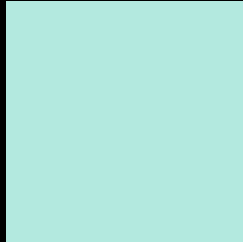
Large Text (above 18pt) WCAG AA × Fail

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 73.1892, 0.2840, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

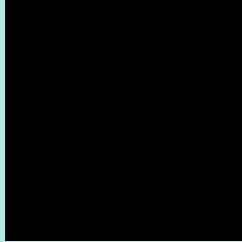
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

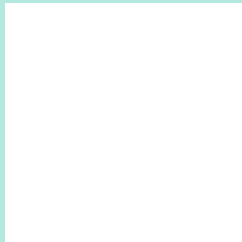
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1892, 0.2840, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 73.1892, 0.2840, 0.3405.

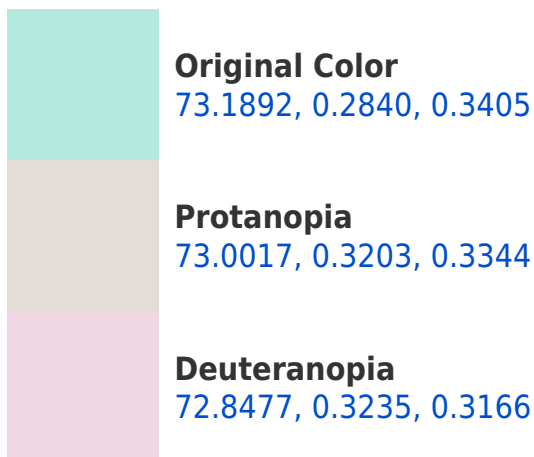


This preview shows how white text looks on a background with the Yxy color 73.1892, 0.2840, 0.3405.

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

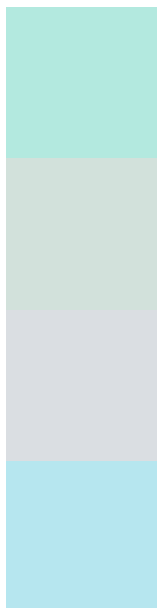




Tritanopia

73.0063, 0.2729, 0.3078

Trichromacy



Original Color

73.1892, 0.2840, 0.3405

Protanomaly

72.6665, 0.3062, 0.3356

Deuteranomaly

72.6390, 0.3073, 0.3246

Tritanomaly

72.7707, 0.2767, 0.3187

Monochromacy



Original Color

73.1892, 0.2840, 0.3405

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

70.0535, 0.3014, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1892, 0.2840, 0.3405 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(179, 233, 223)` looks like.

```
.text, #text, p{  
    color:rgb(179, 233, 223)  
}
```

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(179, 233, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 233, 223) }
```

Border

The CSS property to change the border of an element to Yxy 73.1892, 0.2840, 0.3405 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(179, 233, 223) }
```

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

```
.border{ border-color:rgb(179, 233, 223) }
```

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

Here you see how a box with a 4 pixel rgb(179, 233, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 233, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 233, 223);  
box-shadow:4px 4px 4px 4px rgb(179, 233,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1892, 0.2840, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 233, 223) }
```

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

```
.background{ background-color: rgb(179,  
233, 223) }
```

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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