

Converting Colors

$Yxy(71.3262, 0.2889, 0.3479)$

Have a look what the booklet for
Yxy(71.3262, 0.2889, 0.3479)
contains.

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Color

Yxy(71.0324, 0.2889, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	B3E6D6
RGB	179, 230, 214
RGB Percent	70%, 90%, 84%
CMY	0.2982, 0.0980, 0.1607
CMYK	0.22, 0.00, 0.07, 0.10
HSL	161°, 51%, 80%
HSV	161°, 22%, 90%
XYZ	59.0200, 71.0324, 74.2398
YIQ	212.9270, -25.2600, -15.7880

Conversions

Conversions Part 2

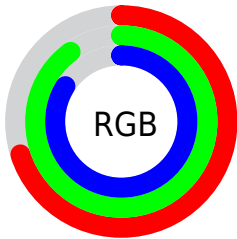
Format	Color
RYB	179, 209, 230
Decimal	11790038
CIELab	87.50, -19.55, 2.42
CIElCh	88, 19.703, 172.949
Yxy	71.0324, 0.2889, 0.3477
Android (android.graphics.Color)	4289980118 (0xFFB3E6D6)
YUV	212.9270, 0.5290, -29.7540
Hunter-Lab	84.2807, -22.4915, 6.7701

Details

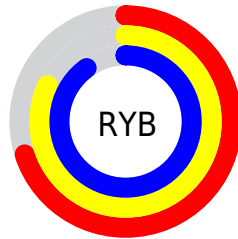
The Yxy color **71.0324, 0.2889, 0.3477** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9842, 0.3440, 0.3111**, and the grayscale version is **66.4946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **37.1353, 0.2833, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **68.1605, 0.2792, 0.3575**, and if you desaturate by 10%, it is **74.3835, 0.2993, 0.3388**.

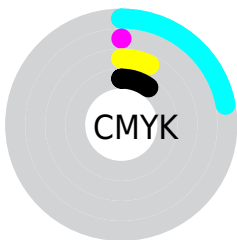
Distribution



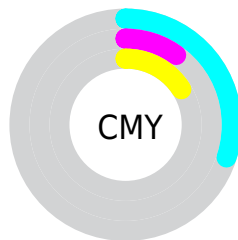
- Red (70%)
- Green (90%)
- Blue (84%)



- Red (70%)
- Yellow (82%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)





- Cyan (30%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0324, 0.2889, 0.3477 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 71.0324, 0.2889, 0.3477 by changing the saturation by 10% instead.


 71.0324, 0.2889,
0.3477

 71.0324, 0.2889,
0.3477


464.1667, 0.3000,
0.3389

 52.3686, 0.2863,
0.3497


 120.6799, 0.2928,
0.3446

 37.2990, 0.2832,
0.3523


152.4323, 0.2943,
0.3434

 25.4391, 0.2791,
0.3555


189.3165, 0.2956,
0.3424

 16.4045, 0.2738,
0.3598

231.7168, 0.2967,
0.3415

 9.8108, 0.2665,
0.3658

280.0176, 0.2977,
0.3408

 5.2737, 0.2558,
0.3745

334.6032, 0.2985,

 2.4087, 0.2388,

0.3401

0.3888

395.8581, 0.2993,
0.3395

0.8304, 0.1661,
0.4423

0.0000, 0.0000,
0.0000

71.0324, 0.2889,
0.3477

71.0324, 0.2889,
0.3477

68.1605, 0.2792,
0.3575

74.3835, 0.2993,
0.3388

65.7361, 0.2706,
0.3680

78.2263, 0.3103,
0.3307

63.7374, 0.2634,
0.3791

82.5836, 0.3214,
0.3234

62.1371, 0.2579,
0.3908

84.3208, 0.3216,
0.3165

■ 60.9046, 0.2543,
0.4027

■ 84.7639, 0.3170,
0.3096

■ 60.0050, 0.2527,
0.4148

■ 85.0802, 0.3138,
0.3049

■ 59.3959, 0.2530,
0.4268

■ 59.0699, 0.2544,
0.4360

Harmonies

Analogous

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



71.0324, 0.3116, 0.3651



71.0324, 0.2889, 0.3477



71.0324, 0.2729, 0.3252

Triad

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



71.0324, 0.2889, 0.3477



71.0324, 0.2895, 0.2893



71.0324, 0.3603, 0.3504

Complementary

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



71.0324, 0.2889, 0.3477



52.9842, 0.3440, 0.3111

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.



71.0324, 0.3541, 0.3305



71.0324, 0.2889, 0.3477



71.0324, 0.3124, 0.2963

Square

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



71.0324, 0.2889, 0.3477



71.0324, 0.2732, 0.2922



71.0324, 0.3363, 0.3111



71.0324, 0.3532, 0.3657

Rectangle

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



71.0324, 0.2889, 0.3477



71.0324, 0.2679, 0.3111



71.0324, 0.3363, 0.3111



71.0324, 0.3597, 0.3440

Sweetspot

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



71.0353, 0.2889, 0.3477



96.4158, 0.3049, 0.3345



71.4716, 0.3209, 0.3890



20.5740, 0.3043, 0.3350



0.0000, 0.0000, 0.0000



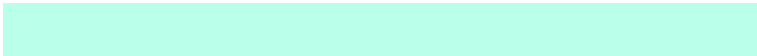
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0353, 0.2889, 0.3477



87.8871, 0.2840, 0.3524



66.8212, 0.2790, 0.3180



16.2556, 0.3023, 0.3365



33.4612, 0.2539, 0.4341



2.4892, 0.2491, 0.4168

Inverse Universe

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



52.9842, 0.3440, 0.3111



60.9802, 0.3532, 0.3069



56.1791, 0.3557, 0.3397



14.4419, 0.3243, 0.3217



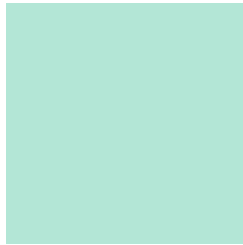
9.8084, 0.5710, 0.2919



0.7411, 0.5295, 0.2691

Previews

White Background



This preview shows how the Yxy color 71.0324, 0.2889, 0.3477 looks on a white background.

Color Contrast Check

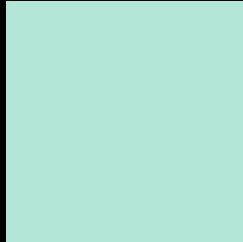
Large Text (above 18pt) WCAG AA × Fail

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 71.0324, 0.2889, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

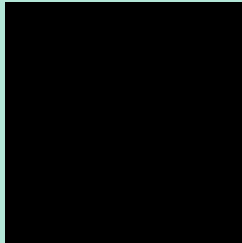
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

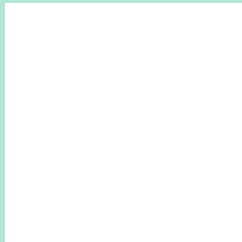
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0324, 0.2889, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 71.0324, 0.2889, 0.3477.

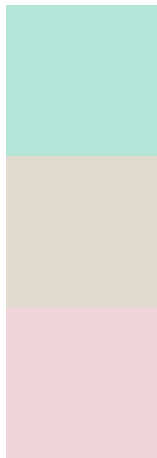


This preview shows how white text looks on a background with the Yxy color 71.0324, 0.2889, 0.3477.

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

71.0324, 0.2889, 0.3477

Protanopia

70.6554, 0.3253, 0.3411

Deuteranopia

70.6742, 0.3294, 0.3227



Tritanopia

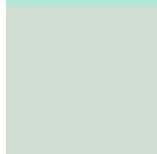
71.2387, 0.2753, 0.3087

Trichromacy



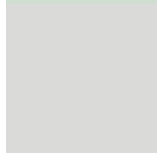
Original Color

71.0324, 0.2889, 0.3477



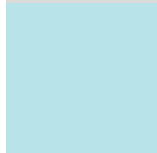
Protanomaly

70.3056, 0.3107, 0.3425



Deuteranomaly

70.5782, 0.3133, 0.3312



Tritanomaly

70.8886, 0.2803, 0.3221

Monochromacy



Original Color

71.0324, 0.2889, 0.3477



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

67.8846, 0.3039, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0324, 0.2889, 0.3477 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, 230, 214)` looks like.

```
.text, #text, p{  
    color:rgb(179, 230, 214)  
}
```

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, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 230, 214) }
```

Border

The CSS property to change the border of an element to Yxy 71.0324, 0.2889, 0.3477 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, 230, 214) }
```

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

```
.border{ border-color:rgb(179, 230, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 230, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(179, 230,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0324, 0.2889, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 230, 214) }
```

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

```
.background{ background-color: rgb(179,  
230, 214) }
```

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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