

Converting Colors

$Y_{xy}(80.8896, 0.2770, 0.3322)$

Have a look what the booklet for
Yxy(80.8896, 0.2770, 0.3322)
contains.

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Color

Yxy(80.9973, 0.2769, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	B6F4F1
RGB	182, 244, 241
RGB Percent	71%, 96%, 95%
CMY	0.2864, 0.0431, 0.0548
CMYK	0.25, 0.00, 0.01, 0.04
HSL	177°, 74%, 84%
HSV	177°, 25%, 96%
XYZ	67.5140, 80.9973, 95.3096
YIQ	225.1200, -35.9890, -14.0770

Conversions

Conversions Part 2

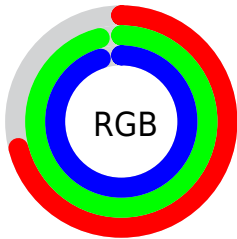
Format	Color
R_{YB}	182, 214, 244
Decimal	11990257
CIE _{Lab}	92.13, -19.96, -4.89
CIE _{LCh}	92, 20.546, 193.757
Yxy	80.9973, 0.2769, 0.3322
Android (android.graphics.Color)	4290180337 (0xFFB6F4F1)
YUV	225.1200, 7.8288, -37.8162
Hunter-Lab	89.9985, -23.5924, 0.2101

Details

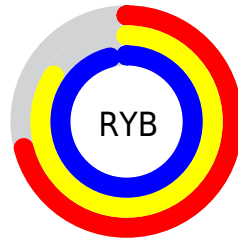
The Yxy color **80.9973, 0.2769, 0.3322** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.1754, 0.3642, 0.3259**, and the grayscale version is **75.3449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **43.9812, 0.2689, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **78.2147, 0.2648, 0.3336**, and if you desaturate by 10%, it is **84.3045, 0.2903, 0.3309**.

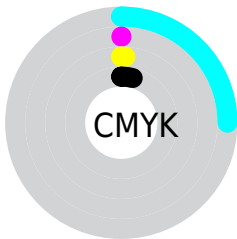
Distribution



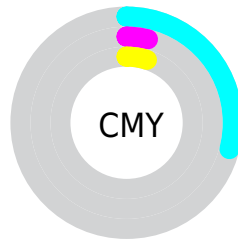
- Red (71%)
- Green (96%)
- Blue (95%)



- Red (71%)
- Yellow (84%)
- Blue (96%)



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)




- Cyan (29%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.9973, 0.2769, 0.3322 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 80.9973, 0.2769, 0.3322 by changing the saturation by 10% instead.


 80.9973, 0.2769,
0.3322

 80.9973, 0.2769,
0.3322


498.2875, 0.2930,
0.3309

 60.5394, 0.2733,
0.3324


 134.7670, 0.2824,
0.3318

 43.8535, 0.2690,
0.3327


168.8475, 0.2846,
0.3316

 30.5554, 0.2635,
0.3330


208.2377, 0.2864,
0.3315

 20.2605, 0.2565,
0.3333

253.3220, 0.2881,
0.3314

 12.5846, 0.2472,
0.3337

304.4847, 0.2895,
0.3312

 7.1431, 0.2343,
0.3340

362.1102, 0.2908,

 3.5518, 0.2152,

0.3311

426.5830, 0.2920,
0.3310

0.3339

1.4261, 0.1841,
0.3327

0.2359, 0.0000,
0.2827

80.9973, 0.2769,
0.3322

80.9973, 0.2769,
0.3322

78.2147, 0.2648,
0.3336

84.3045, 0.2903,
0.3309

75.9201, 0.2542,
0.3351

88.1513, 0.3046,
0.3296

74.0873, 0.2454,
0.3367

92.5333, 0.3195,
0.3285

72.6841, 0.2384,
0.3383

92.6052, 0.3188,
0.3274

71.6738, 0.2335,
0.3399

92.6776, 0.3181,
0.3262

71.0138, 0.2304,
0.3415

92.7504, 0.3174,
0.3251

70.6515, 0.2291,
0.3431

92.8236, 0.3167,
0.3240

70.5487, 0.2289,
0.3438

92.8974, 0.3160,
0.3228

92.9716, 0.3152,
0.3217

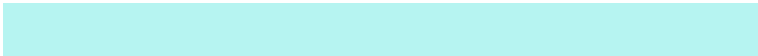
Harmonies

Analogous

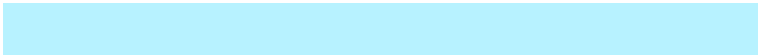
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9973, 0.2954, 0.3539



80.9973, 0.2769, 0.3322



80.9973, 0.2679, 0.3106

Triad

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



80.9973, 0.2769, 0.3322



80.9973, 0.3050, 0.2932



80.9973, 0.3567, 0.3617

Complementary

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



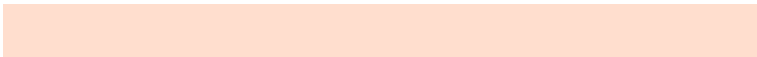
80.9973, 0.2769, 0.3322



56.1754, 0.3642, 0.3259

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.



80.9973, 0.3597, 0.3445



80.9973, 0.2769, 0.3322



80.9973, 0.3293, 0.3059

Square

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



80.9973, 0.2769, 0.3322



80.9973, 0.2836, 0.2892



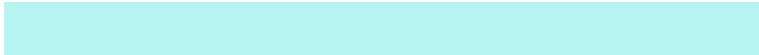
80.9973, 0.3496, 0.3243



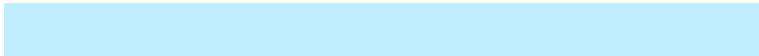
80.9973, 0.3416, 0.3709

Rectangle

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



80.9973, 0.2769, 0.3322



80.9973, 0.2682, 0.2993



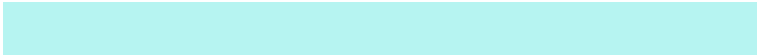
80.9973, 0.3496, 0.3243



80.9973, 0.3592, 0.3566

Sweetspot

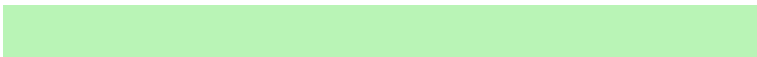
The Sweet Spot groups the original color and five complimentary colors.



81.0006, 0.2769, 0.3322



96.2710, 0.3008, 0.3299



78.4061, 0.3113, 0.4013



20.4655, 0.2987, 0.3301



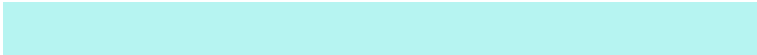
0.0000, 0.0000, 0.0000



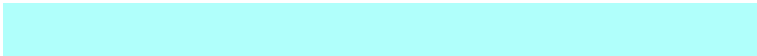
21.4041, 0.3127, 0.3290

Same Dimension

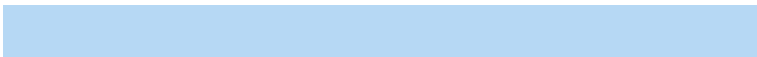
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0006, 0.2769, 0.3322



87.7213, 0.2699, 0.3330



65.6296, 0.2725, 0.2971



18.7432, 0.2987, 0.3301



38.3625, 0.2288, 0.3436



3.3759, 0.2282, 0.3416

Inverse Universe

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



56.1754, 0.3642, 0.3259



55.5766, 0.3802, 0.3252



68.6464, 0.3595, 0.3589



16.4955, 0.3286, 0.3279



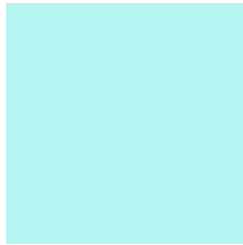
10.4776, 0.6351, 0.3272



0.9253, 0.6226, 0.3203

Previews

White Background



This preview shows how the Yxy color 80.9973, 0.2769, 0.3322 looks on a white background.

Color Contrast Check

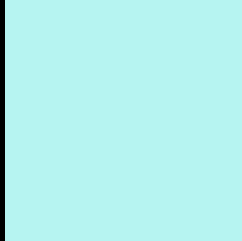
Large Text (above 18pt) WCAG AA × Fail

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 80.9973, 0.2769, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

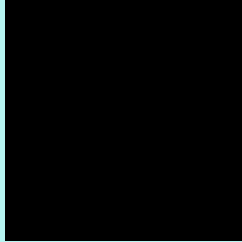
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.9973, 0.2769, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 80.9973, 0.2769, 0.3322.

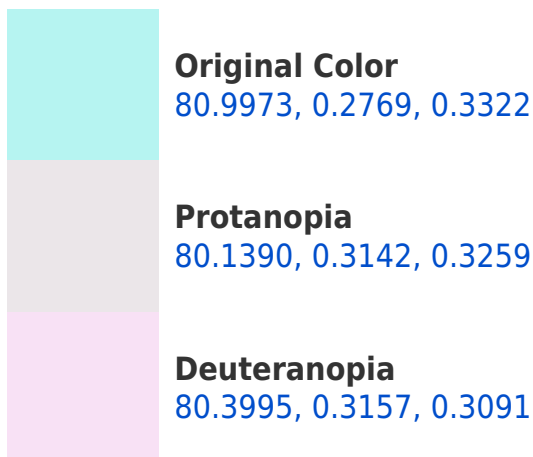


This preview shows how white text looks on a background with the Yxy color 80.9973, 0.2769, 0.3322.

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

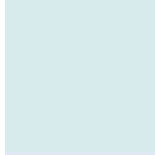
80.6888, 0.2770, 0.3118

Trichromacy



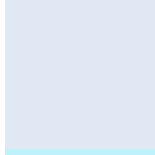
Original Color

80.9973, 0.2769, 0.3322



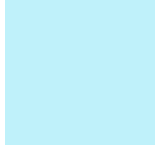
Protanomaly

80.0717, 0.2996, 0.3279



Deuteranomaly

80.0922, 0.3000, 0.3165



Tritanomaly

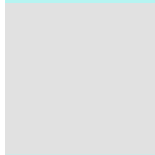
80.8891, 0.2770, 0.3192

Monochromacy



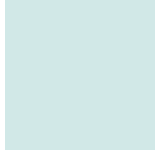
Original Color

80.9973, 0.2769, 0.3322



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.0381, 0.2981, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9973, 0.2769, 0.3322 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(182, 244, 241)` looks like.

```
.text, #text, p{  
    color:rgb(182, 244, 241)  
}
```

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(182, 244, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 244, 241) }
```

Border

The CSS property to change the border of an element to Yxy 80.9973, 0.2769, 0.3322 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(182, 244, 241) }
```

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

```
.border{ border-color:rgb(182, 244, 241) }
```

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

Here you see how a box with a 4 pixel rgb(182, 244, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(182, 244,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9973, 0.2769, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 244, 241) }
```

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

```
.background{ background-color: rgb(182,  
244, 241) }
```

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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