

Converting Colors

$Yxy(80.6583, 0.2723, 0.3230)$

Have a look what the booklet for
Yxy(80.6583, 0.2723, 0.3230)
contains.

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Color

Yxy(80.7023, 0.2727, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	B5F3F8
RGB	181, 243, 248
RGB Percent	71%, 95%, 97%
CMY	0.2901, 0.0470, 0.0275
CMYK	0.27, 0.02, 0.00, 0.03
HSL	184°, 83%, 84%
HSV	184°, 27%, 97%
XYZ	68.0505, 80.7023, 100.7905
YIQ	225.0320, -38.5570, -11.5890

Conversions

Conversions Part 2

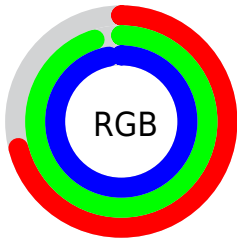
Format	Color
R _Y B	181, 213, 248
Decimal	11924472
CIE Lab	92.00, -18.21, -8.71
CIE LCh	92, 20.188, 205.565
Yxy	80.7023, 0.2727, 0.3234
Android (android.graphics.Color)	4290114552 (0xFFB5F3F8)
YUV	225.0320, 11.3232, -38.6161
Hunter-Lab	89.8345, -21.9949, -3.6368

Details

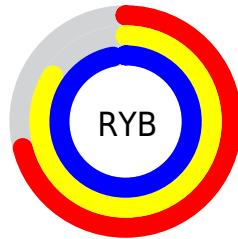
The Yxy color **80.7023, 0.2727, 0.3234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.4104, 0.3700, 0.3345**, and the grayscale version is **75.2603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **43.7820, 0.2637, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **76.8693, 0.2598, 0.3211**, and if you desaturate by 10%, it is **85.0865, 0.2868, 0.3256**.

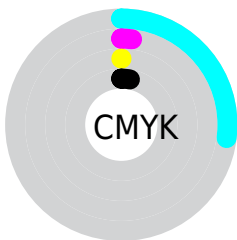
Distribution



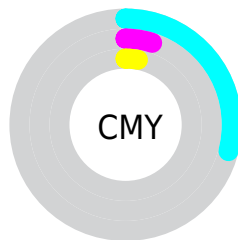
- Red (71%)
- Green (95%)
- Blue (97%)



- Red (71%)
- Yellow (84%)
- Blue (97%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)




- Cyan (29%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.7023, 0.2727, 0.3234 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 80.7023, 0.2727, 0.3234 by changing the saturation by 10% instead.

 80.7023, 0.2727,
0.3234

 80.7023, 0.2727,
0.3234


497.2965, 0.2906,
0.3262

 60.2964, 0.2687,
0.3227


 134.3527, 0.2788,
0.3244

 43.6576, 0.2639,
0.3218


168.3660, 0.2812,
0.3248

 30.4014, 0.2579,
0.3206


207.6839, 0.2833,
0.3251

 20.1435, 0.2502,
0.3191

252.6908, 0.2852,
0.3254

 12.4994, 0.2400,
0.3168

303.7712, 0.2868,
0.3257

 7.0847, 0.2259,
0.3134

361.3093, 0.2882,

 3.5152, 0.2053,

0.3259

425.6896, 0.2895,
0.3261

0.3076

1.4062, 0.1725,
0.2965

0.2213, 0.0000,
0.2066

80.7023, 0.2727,
0.3234

80.7023, 0.2727,
0.3234

76.8693, 0.2598,
0.3211

85.0865, 0.2868,
0.3256

73.5495, 0.2483,
0.3186

90.0383, 0.3018,
0.3277

70.7150, 0.2386,
0.3161

95.5077, 0.3172,
0.3295

68.3316, 0.2307,
0.3135

96.6526, 0.3170,
0.3313

■ 66.3604, 0.2248,
0.3109

■ 97.8087, 0.3169,
0.3331

■ 64.7556, 0.2209,
0.3084

■ 98.9761, 0.3168,
0.3348

■ 63.4588, 0.2186,
0.3059

■ 99.5569, 0.3168,
0.3357

■ 63.1038, 0.2181,
0.3051

Harmonies

Analogous

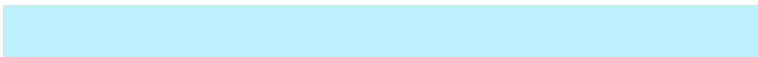
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7023, 0.2876, 0.3455



80.7023, 0.2727, 0.3234



80.7023, 0.2682, 0.3039

Triad

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



80.7023, 0.2727, 0.3234



80.7023, 0.3145, 0.2978



80.7023, 0.3513, 0.3660

Complementary

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



80.7023, 0.2727, 0.3234



58.4104, 0.3700, 0.3345

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.



80.7023, 0.3594, 0.3516



80.7023, 0.2727, 0.3234



80.7023, 0.3377, 0.3129

Square

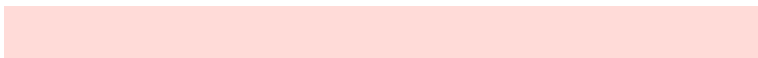
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.7023, 0.2727, 0.3234



80.7023, 0.2916, 0.2902



80.7023, 0.3544, 0.3323



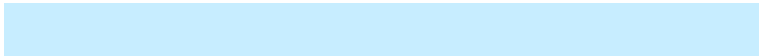
80.7023, 0.3329, 0.3707

Rectangle

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



80.7023, 0.2727, 0.3234



80.7023, 0.2715, 0.2951



80.7023, 0.3544, 0.3323



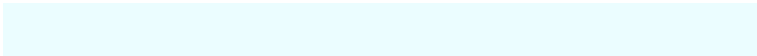
80.7023, 0.3554, 0.3620

Sweetspot

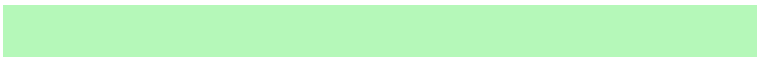
The Sweet Spot groups the original color and five complimentary colors.



80.7056, 0.2727, 0.3234



95.3684, 0.3003, 0.3275



80.4788, 0.3066, 0.4017



20.2361, 0.2980, 0.3272



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.



80.7056, 0.2727, 0.3234



83.8528, 0.2660, 0.3222



62.7137, 0.2690, 0.2856



19.3742, 0.2980, 0.3272



34.1825, 0.2182, 0.3055



3.2300, 0.2190, 0.3085

Inverse Universe

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



59.4792, 0.3197, 0.2662



58.1354, 0.3211, 0.2545



73.9383, 0.3610, 0.3688



17.5009, 0.3149, 0.3073



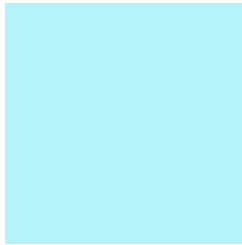
13.8617, 0.3406, 0.1650



1.2903, 0.3380, 0.1635

Previews

White Background



This preview shows how the Yxy color 80.7023, 0.2727, 0.3234 looks on a white background.

Color Contrast Check

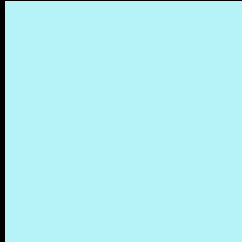
Large Text (above 18pt) WCAG AA × Fail

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 80.7023, 0.2727, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

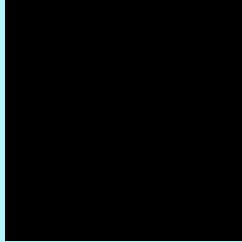
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.7023, 0.2727, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 80.7023, 0.2727, 0.3234.

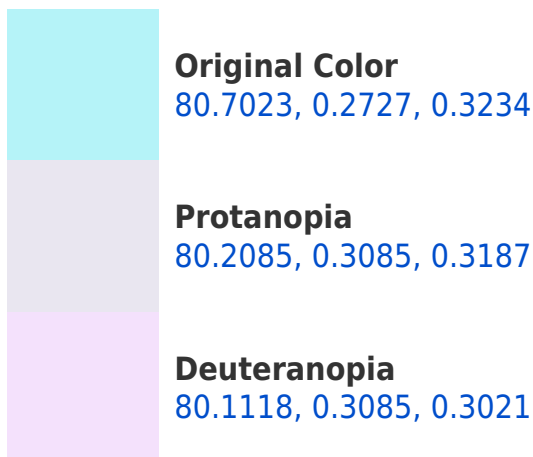


This preview shows how white text looks on a background with the Yxy color 80.7023, 0.2727, 0.3234.

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

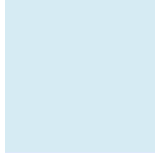
80.4223, 0.2759, 0.3118

Trichromacy



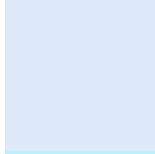
Original Color

80.7023, 0.2727, 0.3234



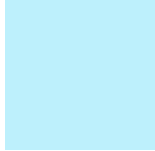
Protanomaly

80.1839, 0.2942, 0.3205



Deuteranomaly

80.0504, 0.2940, 0.3093



Tritanomaly

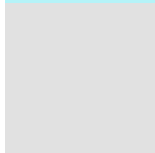
80.1673, 0.2747, 0.3159

Monochromacy



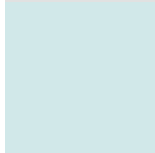
Original Color

80.7023, 0.2727, 0.3234



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.1517, 0.2969, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7023, 0.2727, 0.3234 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(181, 243, 248)` looks like.

```
.text, #text, p{  
    color:rgb(181, 243, 248)  
}
```

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(181, 243, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 243, 248) }
```

Border

The CSS property to change the border of an element to Yxy 80.7023, 0.2727, 0.3234 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(181, 243, 248) }
```

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

```
.border{ border-color:rgb(181, 243, 248) }
```

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

Here you see how a box with a 4 pixel rgb(181, 243, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 243, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 243, 248);  
box-shadow:4px 4px 4px 4px rgb(181, 243,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7023, 0.2727, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 243, 248) }
```

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

```
.background{ background-color: rgb(181,  
243, 248) }
```

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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