

Converting Colors

Yxy(81.3646, 0.2746, 0.3288)

Have a look what the booklet for
Yxy(81.3646, 0.2746, 0.3288)
contains.

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Color

Yxy(81.1177, 0.2743, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	B5F4F5
RGB	181, 244, 245
RGB Percent	71%, 96%, 96%
CMY	0.2904, 0.0431, 0.0392
CMYK	0.26, 0.00, 0.00, 0.04
HSL	181°, 76%, 84%
HSV	181°, 26%, 96%
XYZ	67.8785, 81.1177, 98.4647
YIQ	225.2770, -37.8690, -13.0450

Conversions

Conversions Part 2

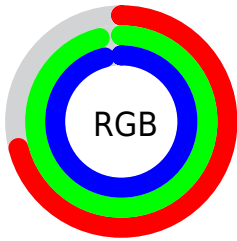
Format	Color
R _Y B	181, 213, 245
Decimal	11924725
CIE Lab	92.18, -19.39, -6.88
CIE LCh	92, 20.571, 199.545
Yxy	81.1177, 0.2743, 0.3278
Android (android.graphics.Color)	4290114805 (0xFFB5F4F5)
YUV	225.2770, 9.7234, -38.8309
Hunter-Lab	90.0654, -23.0863, -1.7735

Details

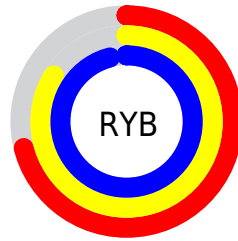
The Yxy color **81.1177, 0.2743, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.1751, 0.3686, 0.3302**, and the grayscale version is **75.4485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **44.0762, 0.2657, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **78.1898, 0.2617, 0.3273**, and if you desaturate by 10%, it is **84.5733, 0.2882, 0.3283**.

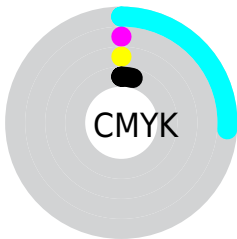
Distribution



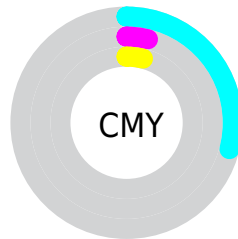
- Red (71%)
- Green (96%)
- Blue (96%)



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



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1177, 0.2743, 0.3278 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 81.1177, 0.2743, 0.3278 by changing the saturation by 10% instead.


 81.1177, 0.2743,
0.3278

 81.1177, 0.2743,
0.3278


498.6916, 0.2915,
0.3286

 60.6385, 0.2705,
0.3276


 134.9360, 0.2802,
0.3281

 43.9335, 0.2658,
0.3272


169.0440, 0.2825,
0.3282

 30.6183, 0.2600,
0.3268


208.4636, 0.2845,
0.3283

 20.3083, 0.2526,
0.3262

253.5794, 0.2863,
0.3284

 12.6194, 0.2428,
0.3252

304.7757, 0.2878,
0.3285

 7.1670, 0.2292,
0.3235


362.4369, 0.2892,


 3.5667, 0.2092,


0.3285


0.3205


426.9474, 0.2904,
0.3286


 1.4343, 0.1771,
0.3141


 0.2418, 0.0000,
0.2452


 81.1177, 0.2743,
0.3278

 81.1177, 0.2743,
0.3278


 78.1898, 0.2617,
0.3273


 84.5733, 0.2882,
0.3283

 75.7525, 0.2507,
0.3268


 88.5721, 0.3032,
0.3287


 73.7793, 0.2415,
0.3262


 93.1410, 0.3188,
0.3292


 72.2372, 0.2342,
0.3257

 93.4737, 0.3192,
0.3295


 71.0890, 0.2289,
0.3252

 93.7024, 0.3191,
0.3299

 70.2911, 0.2255,
0.3247

 93.9316, 0.3191,
0.3302

 69.7892, 0.2237,
0.3242

 94.1613, 0.3191,
0.3306

 69.6421, 0.2233,
0.3240

 94.3914, 0.3191,
0.3310

 94.6220, 0.3190,
0.3313

Harmonies

Analogous

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



81.1177, 0.2913, 0.3500



81.1177, 0.2743, 0.3278



81.1177, 0.2674, 0.3070

Triad

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



81.1177, 0.2743, 0.3278



81.1177, 0.3096, 0.2951



81.1177, 0.3546, 0.3643

Complementary

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



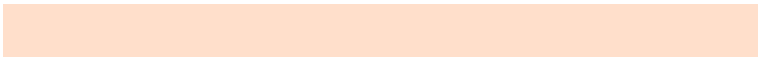
81.1177, 0.2743, 0.3278



56.1751, 0.3686, 0.3302

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.



81.1177, 0.3602, 0.3482



81.1177, 0.2743, 0.3278



81.1177, 0.3337, 0.3091

Square

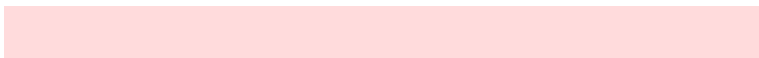
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1177, 0.2743, 0.3278



81.1177, 0.2872, 0.2892



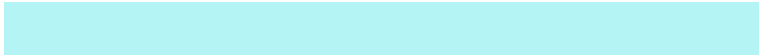
81.1177, 0.3525, 0.3282



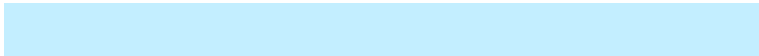
81.1177, 0.3376, 0.3714

Rectangle

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



81.1177, 0.2743, 0.3278



81.1177, 0.2692, 0.2968



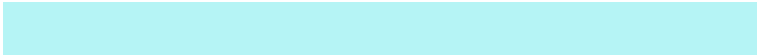
81.1177, 0.3525, 0.3282



81.1177, 0.3579, 0.3597

Sweetspot

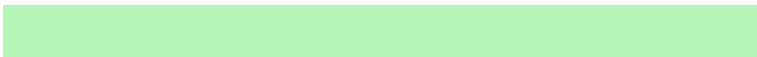
The Sweet Spot groups the original color and five complimentary colors.



81.1210, 0.2743, 0.3278



96.1343, 0.3003, 0.3287



78.4566, 0.3092, 0.4041



20.4307, 0.2980, 0.3286



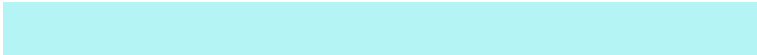
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



81.1210, 0.2743, 0.3278



87.1915, 0.2679, 0.3276



63.9858, 0.2709, 0.2923



18.7115, 0.2981, 0.3286



37.5378, 0.2234, 0.3241



3.3130, 0.2235, 0.3247

Inverse Universe

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



58.9720, 0.3165, 0.2648



59.4331, 0.3173, 0.2527



70.3223, 0.3603, 0.3631



16.7637, 0.3140, 0.3060



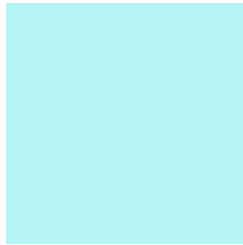
13.8888, 0.3248, 0.1563



1.2221, 0.3243, 0.1560

Previews

White Background



This preview shows how the Yxy color 81.1177, 0.2743, 0.3278 looks on a white background.

Color Contrast Check

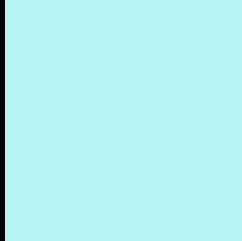
Large Text (above 18pt) WCAG AA × Fail

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 81.1177, 0.2743, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

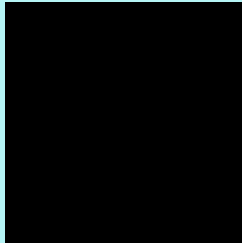
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.1177, 0.2743, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 81.1177, 0.2743, 0.3278.

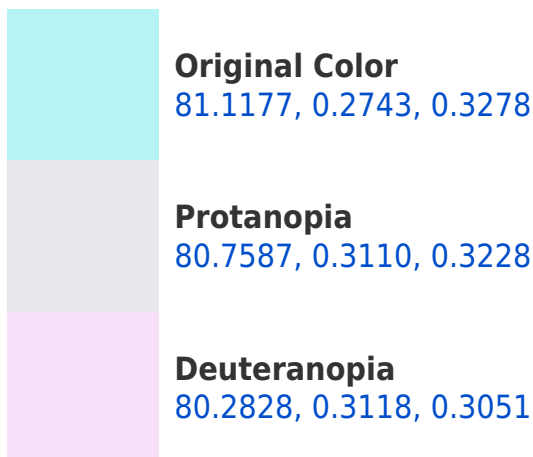


This preview shows how white text looks on a background with the Yxy color 81.1177, 0.2743, 0.3278.

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

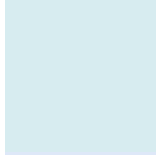
81.2759, 0.2771, 0.3129

Trichromacy



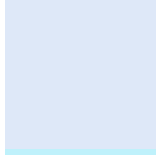
Original Color

81.1177, 0.2743, 0.3278



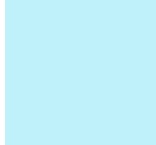
Protanomaly

80.7292, 0.2966, 0.3247



Deuteranomaly

80.0201, 0.2964, 0.3123



Tritanomaly

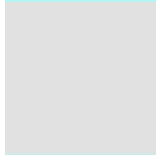
80.9520, 0.2765, 0.3181

Monochromacy



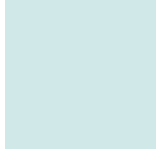
Original Color

81.1177, 0.2743, 0.3278



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.0947, 0.2975, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1177, 0.2743, 0.3278 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, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(181, 244, 245)  
}
```

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, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 244, 245) }
```

Border

The CSS property to change the border of an element to Yxy 81.1177, 0.2743, 0.3278 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, 244, 245) }
```

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

```
.border{ border-color:rgb(181, 244, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 244, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(181, 244,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1177, 0.2743, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 244, 245) }
```

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

```
.background{ background-color: rgb(181,  
244, 245) }
```

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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