

Converting Colors

$Yxy(81.4331, 0.2780, 0.3293)$

Have a look what the booklet for
Yxy(81.4331, 0.2780, 0.3293)
contains.

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Color

Yxy(81.6115, 0.2781, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	BAF4F3
RGB	186, 244, 243
RGB Percent	73%, 96%, 95%
CMY	0.2706, 0.0431, 0.0471
CMYK	0.24, 0.00, 0.00, 0.04
HSL	179°, 73%, 84%
HSV	179°, 24%, 96%
XYZ	68.7762, 81.6115, 96.9198
YIQ	226.5440, -34.2470, -12.6070

Conversions

Conversions Part 2

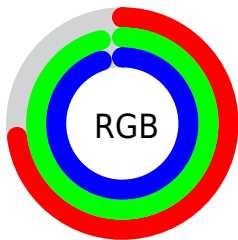
Format	Color
R _Y B	186, 215, 244
Decimal	12252403
CIE Lab	92.40, -18.37, -5.49
CIE LCh	92, 19.170, 196.633
Yxy	81.6115, 0.2781, 0.3300
Android (android.graphics.Color)	4290442483 (0xFFBAF4F3)
YUV	226.5440, 8.1128, -35.5571
Hunter-Lab	90.3391, -22.1992, -0.3716

Details

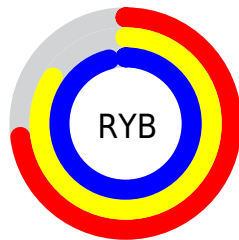
The Yxy color **81.6115, 0.2781, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.9377, 0.3615, 0.3281**, and the grayscale version is **76.4273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **44.3796, 0.2703, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **78.7897, 0.2654, 0.3305**, and if you desaturate by 10%, it is **84.9618, 0.2920, 0.3296**.

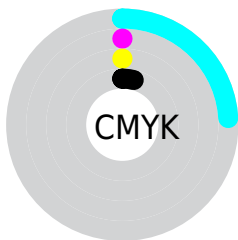
Distribution



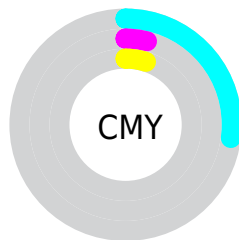
- Red (73%)
- Green (96%)
- Blue (95%)



- Red (73%)
- Yellow (84%)
- Blue (96%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)





- Cyan (27%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.6115, 0.2781, 0.3300 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 81.6115, 0.2781, 0.3300 by changing the saturation by 10% instead.


 81.6115, 0.2781,
0.3300

 81.6115, 0.2781,
0.3300

500.3472, 0.2937,
0.3297

 61.0454, 0.2747,
0.3300

 135.6291, 0.2834,
0.3300

 44.2618, 0.2705,
0.3300


169.8493, 0.2855,
0.3299

 30.8764, 0.2652,
0.3300


209.3896, 0.2873,
0.3299

 20.5047, 0.2585,
0.3299

254.6345, 0.2889,
0.3299

 12.7625, 0.2496,
0.3296

305.9683, 0.2903,
0.3298

 7.2652, 0.2372,
0.3291

363.7754, 0.2915,

 3.6285, 0.2189,

0.3298

428.4403, 0.2926,
0.3298

0.3278

1.4680, 0.1894,
0.3246

0.2660, 0.0000,
0.2832

81.6115, 0.2781,
0.3300

81.6115, 0.2781,
0.3300

78.7897, 0.2654,
0.3305

84.9618, 0.2920,
0.3296

76.4600, 0.2543,
0.3310


88.8552, 0.3069,
0.3291

74.5968, 0.2450,
0.3315


92.5135, 0.3197,
0.3288


73.1683, 0.2375,
0.3321


92.5393, 0.3194,
0.3284


 72.1388, 0.2321,
0.3326


 92.5652, 0.3192,
0.3279

 71.4668, 0.2285,
0.3332


 92.5911, 0.3189,
0.3275

 71.1018, 0.2267,
0.3338

 92.6171, 0.3187,
0.3271

 70.9830, 0.2261,
0.3341

 92.6431, 0.3184,
0.3267

 92.6692, 0.3182,
0.3263

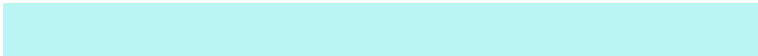
Harmonies

Analogous

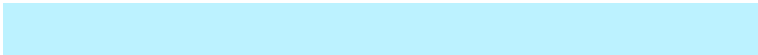
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6115, 0.2947, 0.3503



81.6115, 0.2781, 0.3300



81.6115, 0.2706, 0.3102

Triad

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



81.6115, 0.2781, 0.3300



81.6115, 0.3077, 0.2964



81.6115, 0.3527, 0.3607

Complementary

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



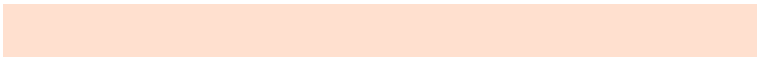
81.6115, 0.2781, 0.3300



57.9377, 0.3615, 0.3281

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.



81.6115, 0.3567, 0.3453



81.6115, 0.2781, 0.3300



81.6115, 0.3302, 0.3089

Square

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



81.6115, 0.2781, 0.3300



81.6115, 0.2873, 0.2918



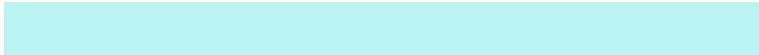
81.6115, 0.3484, 0.3265



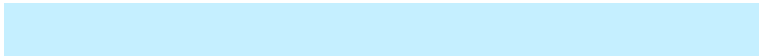
81.6115, 0.3378, 0.3682

Rectangle

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



81.6115, 0.2781, 0.3300



81.6115, 0.2716, 0.3002



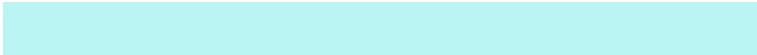
81.6115, 0.3484, 0.3265



81.6115, 0.3554, 0.3563

Sweetspot

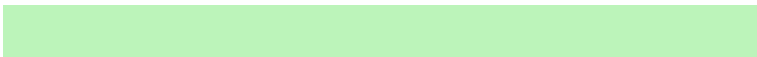
The Sweet Spot groups the original color and five complimentary colors.



81.6148, 0.2781, 0.3300



96.7504, 0.3020, 0.3293



78.9326, 0.3108, 0.3961



20.6517, 0.3011, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

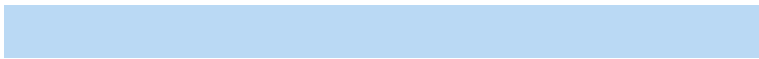
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.6148, 0.2781, 0.3300



88.4874, 0.2712, 0.3303



66.5623, 0.2750, 0.2983



18.7526, 0.2983, 0.3294



38.5965, 0.2261, 0.3340



3.3938, 0.2259, 0.3333

Inverse Universe

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



57.9377, 0.3615, 0.3281



57.7193, 0.3763, 0.3278



70.4014, 0.3557, 0.3578



16.4872, 0.3291, 0.3286



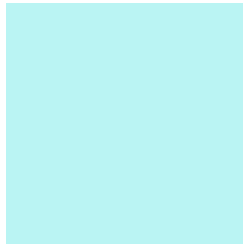
10.4650, 0.6383, 0.3290



0.9214, 0.6336, 0.3264

Previews

White Background



This preview shows how the Yxy color 81.6115, 0.2781, 0.3300 looks on a white background.

Color Contrast Check

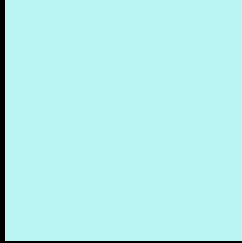
Large Text (above 18pt) WCAG AA × Fail

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 81.6115, 0.2781, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

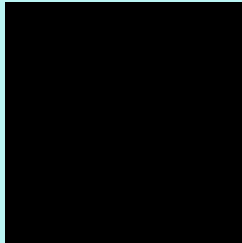
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.6115, 0.2781, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 81.6115, 0.2781, 0.3300.

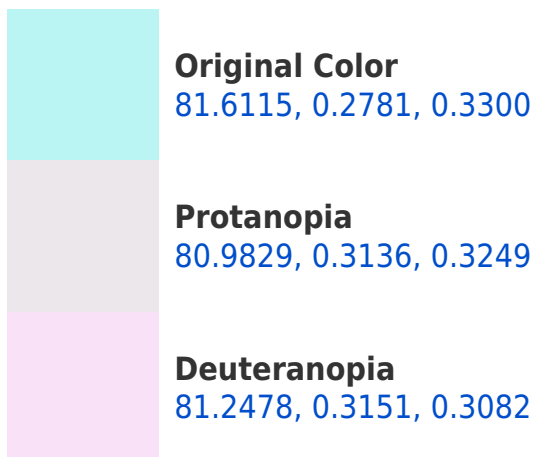


This preview shows how white text looks on a background with the Yxy color 81.6115, 0.2781, 0.3300.

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

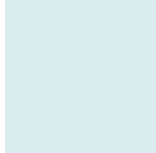
81.2324, 0.2793, 0.3119

Trichromacy



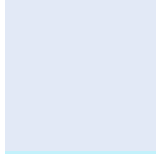
Original Color

81.6115, 0.2781, 0.3300



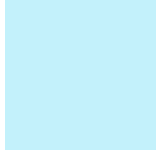
Protanomaly

81.0694, 0.2997, 0.3269



Deuteranomaly

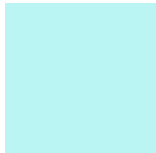
81.1004, 0.3001, 0.3155



Tritanomaly

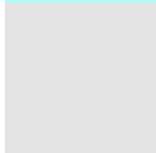
81.4777, 0.2787, 0.3182

Monochromacy



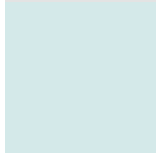
Original Color

81.6115, 0.2781, 0.3300



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

78.1581, 0.2988, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.6115, 0.2781, 0.3300 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(186, 244, 243)` looks like.

```
.text, #text, p{  
    color:rgb(186, 244, 243)  
}
```

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(186, 244, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 244, 243) }
```

Border

The CSS property to change the border of an element to Yxy 81.6115, 0.2781, 0.3300 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(186, 244, 243) }
```

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

```
.border{ border-color:rgb(186, 244, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 244, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 244, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 244, 243);  
box-shadow:4px 4px 4px 4px rgb(186, 244,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 81.6115, 0.2781, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 244, 243) }
```

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

```
.background{ background-color: rgb(186,  
244, 243) }
```

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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