

Converting Colors

$Yxy(81.3119, 0.2785, 0.3493)$

Have a look what the booklet for
Yxy(81.3119, 0.2785, 0.3493)
contains.

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Color

Yxy(81.0629, 0.2785, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	ADF7E5
RGB	173, 247, 229
RGB Percent	68%, 97%, 90%
CMY	0.3217, 0.0313, 0.1019
CMYK	0.30, 0.00, 0.07, 0.03
HSL	165°, 82%, 82%
HSV	165°, 30%, 97%
XYZ	64.6322, 81.0629, 86.3774
YIQ	222.8220, -38.3260, -21.2860

Conversions

Conversions Part 2

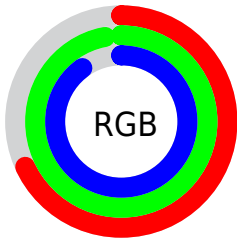
Format	Color
RYB	173, 215, 247
Decimal	11401189
CIELab	92.16, -26.52, 1.34
CIELCh	92, 26.556, 177.112
Yxy	81.0629, 0.2785, 0.3493
Android (android.graphics.Color)	4289591269 (0xFFADF7E5)
YUV	222.8220, 3.0458, -43.6939
Hunter-Lab	90.0349, -29.4237, 6.1431

Details

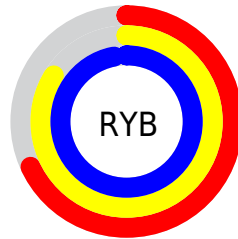
The Yxy color **81.0629, 0.2785, 0.3493** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.4095, 0.3637, 0.3098**, and the grayscale version is **73.6545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **43.7345, 0.2704, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **78.1768, 0.2689, 0.3573**, and if you desaturate by 10%, it is **84.4876, 0.2892, 0.3419**.

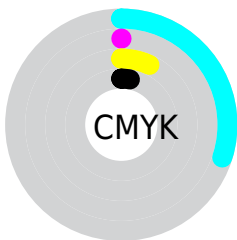
Distribution



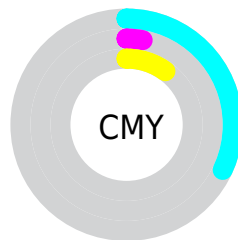
- Red (68%)
- Green (97%)
- Blue (90%)



- Red (68%)
- Yellow (84%)
- Blue (97%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)




- Cyan (32%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0629, 0.2785, 0.3493 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 81.0629, 0.2785, 0.3493 by changing the saturation by 10% instead.

 81.0629, 0.2785,
0.3493

 81.0629, 0.2785,
0.3493


498.5077, 0.2940,
0.3401

 60.5934, 0.2750,
0.3514


 134.8591, 0.2838,
0.3461

 43.8971, 0.2708,
0.3539


168.9546, 0.2859,
0.3449

 30.5896, 0.2654,
0.3572


208.3608, 0.2877,
0.3438

 20.2866, 0.2586,
0.3613

253.4623, 0.2893,
0.3429

 12.6035, 0.2494,
0.3669

304.6433, 0.2907,
0.3420

 7.1561, 0.2364,
0.3748

362.2883, 0.2919,

 3.5599, 0.2170,

0.3413

426.7816, 0.2930,
0.3406

0.3869

1.4306, 0.1808,
0.4093

0.2391, 0.0000,
0.5891

81.0629, 0.2785,
0.3493

81.0629, 0.2785,
0.3493

78.1768, 0.2689,
0.3573

84.4876, 0.2892,
0.3419

75.7907, 0.2607,
0.3657

88.4678, 0.3007,
0.3351

73.8762, 0.2542,
0.3745

93.0315, 0.3127,
0.3290

72.3980, 0.2496,
0.3835

94.8818, 0.3142,
0.3232

71.3158, 0.2470,
0.3927

95.0081, 0.3131,
0.3214

70.5816, 0.2464,
0.4018

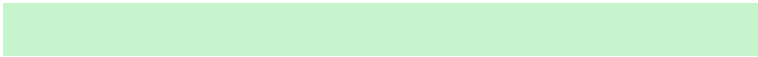
70.1158, 0.2475,
0.4108

70.1148, 0.2475,
0.4109

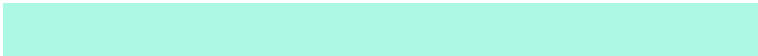
Harmonies

Analogous

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



81.0629, 0.3066, 0.3737



81.0629, 0.2785, 0.3493



81.0629, 0.2599, 0.3197

Triad

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



81.0629, 0.2785, 0.3493



81.0629, 0.2864, 0.2790



81.0629, 0.3740, 0.3591

Complementary

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



81.0629, 0.2785, 0.3493



53.4095, 0.3637, 0.3098

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.



81.0629, 0.3684, 0.3341



81.0629, 0.2785, 0.3493



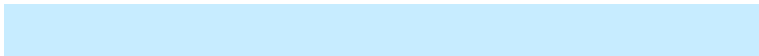
81.0629, 0.3165, 0.2894

Square

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



81.0629, 0.2785, 0.3493



81.0629, 0.2643, 0.2805



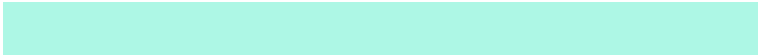
81.0629, 0.3469, 0.3092



81.0629, 0.3623, 0.3779

Rectangle

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



81.0629, 0.2785, 0.3493



81.0629, 0.2550, 0.3021



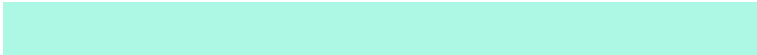
81.0629, 0.3469, 0.3092



81.0629, 0.3741, 0.3512

Sweetspot

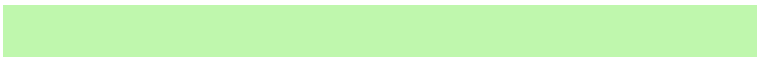
The Sweet Spot groups the original color and five complimentary colors.



81.0662, 0.2785, 0.3493



95.5501, 0.3019, 0.3345



80.6821, 0.3202, 0.4140



20.3081, 0.3001, 0.3355



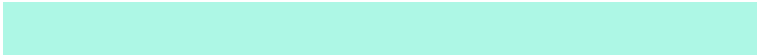
0.0000, 0.0000, 0.0000



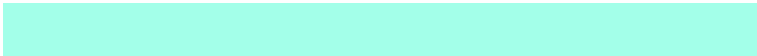
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0662, 0.2785, 0.3493



85.1930, 0.2725, 0.3541



71.3581, 0.2671, 0.3079



18.6849, 0.3013, 0.3348



37.1013, 0.2470, 0.4093



3.2769, 0.2439, 0.3980

Inverse Universe

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



53.4095, 0.3637, 0.3098



51.0499, 0.3785, 0.3058



60.2614, 0.3744, 0.3491



16.5486, 0.3255, 0.3233



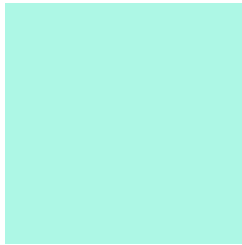
10.6493, 0.5953, 0.3053



0.9516, 0.5605, 0.2861

Previews

White Background



This preview shows how the Yxy color 81.0629, 0.2785, 0.3493 looks on a white background.

Color Contrast Check

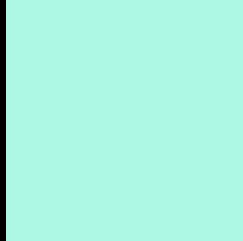
Large Text (above 18pt) WCAG AA × Fail

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 81.0629, 0.2785, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

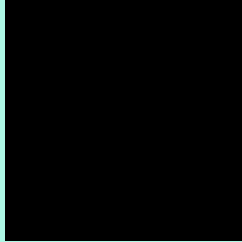
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

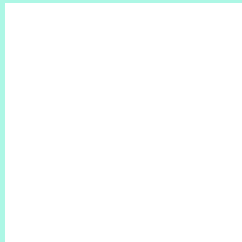
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0629, 0.2785, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 81.0629, 0.2785, 0.3493.

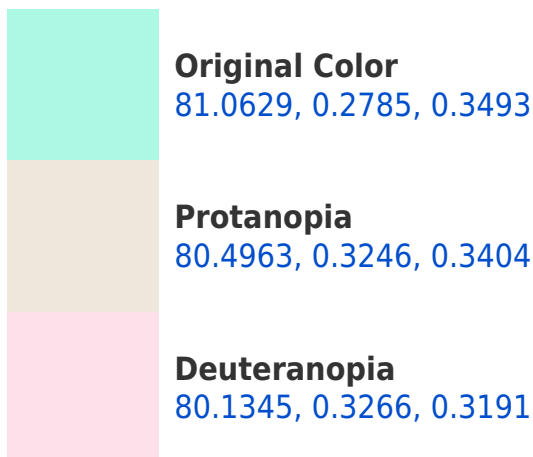


This preview shows how white text looks on a background with the Yxy color 81.0629, 0.2785, 0.3493.

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

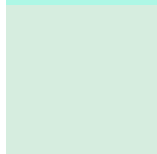
81.0095, 0.2760, 0.3128

Trichromacy



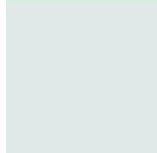
Original Color

81.0629, 0.2785, 0.3493



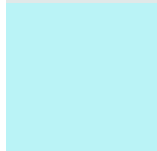
Protanomaly

80.1922, 0.3061, 0.3441



Deuteranomaly

79.3867, 0.3073, 0.3290



Tritanomaly

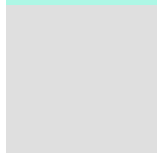
81.1941, 0.2765, 0.3256

Monochromacy



Original Color

81.0629, 0.2785, 0.3493



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

76.1286, 0.2991, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0629, 0.2785, 0.3493 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(173, 247, 229)` looks like.

```
.text, #text, p{  
    color:rgb(173, 247, 229)  
}
```

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(173, 247, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 247, 229) }
```

Border

The CSS property to change the border of an element to Yxy 81.0629, 0.2785, 0.3493 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(173, 247, 229) }
```

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

```
.border{ border-color:rgb(173, 247, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 247, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 247, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 247, 229); box-shadow:4px 4px 4px 4px rgb(173, 247, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0629, 0.2785, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 247, 229) }
```

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

```
.background{ background-color: rgb(173,  
247, 229) }
```

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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