

Converting Colors

$Yxy(81.0905, 0.2880, 0.3938)$

Have a look what the booklet for
Yxy(81.0905, 0.2880, 0.3938)
contains.

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Color

Yxy(81.0230, 0.2879, 0.3942)

Conversions

Conversions Part 1

Format	Color
Hex	9FFCC5
RGB	159, 252, 197
RGB Percent	62%, 99%, 77%
CMY	0.3768, 0.0117, 0.2275
CMYK	0.37, 0.00, 0.22, 0.01
HSL	145°, 94%, 81%
HSV	145°, 37%, 99%
XYZ	59.1743, 81.0230, 65.3405
YIQ	217.9230, -37.7730, -36.8210

Conversions

Conversions Part 2

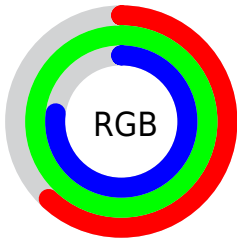
Format	Color
RYB	159, 225, 252
Decimal	10484933
CIELab	92.14, -39.19, 17.76
CIELCh	92, 43.022, 155.625
Yxy	81.0230, 0.2879, 0.3942
Android (android.graphics.Color)	4288675013 (0xFF9FFCC5)
YUV	217.9230, -10.3150, -51.6755
Hunter-Lab	90.0128, -40.1766, 19.9702

Details

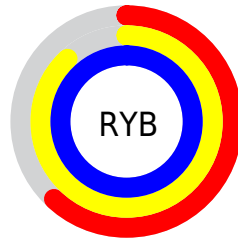
The Yxy color **81.0230, 0.2879, 0.3942** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **50.3205, 0.3498, 0.2722**, and the grayscale version is **70.1371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2747, 0.2900, 0.3300**, and **43.8969, 0.2814, 0.4109** is the 20% darker color. If you saturate the color by 10%, you get **78.0593, 0.2827, 0.4159**, and if you desaturate by 10%, it is **84.5860, 0.2940, 0.3741**.

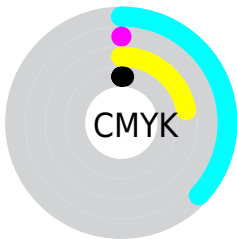
Distribution



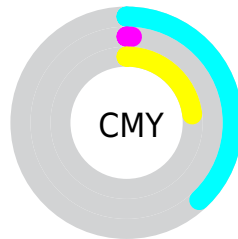
- Red (62%)
- Green (99%)
- Blue (77%)



- Red (62%)
- Yellow (88%)
- Blue (99%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (1%)





- Cyan (38%)
- Magenta (1%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0230, 0.2879, 0.3942 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 81.0230, 0.2879, 0.3942 by changing the saturation by 10% instead.

 81.0230, 0.2879,
0.3942

 81.0230, 0.2879,
0.3942


498.3738, 0.2998,
0.3632

 60.5605, 0.2851,
0.4015


 134.8031, 0.2921,
0.3833

 43.8706, 0.2815,
0.4106


 168.8895, 0.2938,
0.3791

 30.5688, 0.2769,
0.4222


208.2860, 0.2951,
0.3755

 20.2707, 0.2707,
0.4377

253.3769, 0.2963,
0.3724

 12.5920, 0.2621,
0.4593

304.5468, 0.2974,
0.3697

 7.1482, 0.2491,
0.4911


362.1800, 0.2983,


 3.5550, 0.2278,


0.3672


0.5424


426.6608, 0.2991,
0.3651


 1.4279, 0.1628,
0.7244

 0.2371, 0.0000,
1.0000

 81.0230, 0.2879,
0.3942


 81.0230, 0.2879,
0.3942


 78.0593, 0.2827,
0.4159


 84.5860, 0.2940,
0.3741


 75.6507, 0.2787,
0.4387

 88.7694, 0.3007,
0.3558

 73.7630, 0.2763,
0.4621

 93.6058, 0.3078,
0.3393

 72.3534, 0.2758,
0.4853

 98.1123, 0.3128,
0.3262

■ 71.3723, 0.2772,
0.5074

■ 70.7569, 0.2804,
0.5276

■ 70.6130, 0.2815,
0.5333

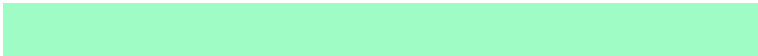
Harmonies

Analogous

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



81.0230, 0.3371, 0.4186



81.0230, 0.2879, 0.3942



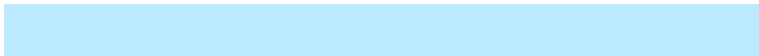
81.0230, 0.2475, 0.3477

Triad

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



81.0230, 0.2879, 0.3942



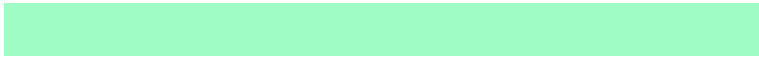
81.0230, 0.2441, 0.2499



81.0230, 0.4090, 0.3464

Complementary

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



81.0230, 0.2879, 0.3942



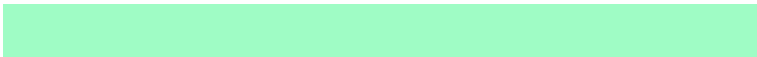
50.3205, 0.3498, 0.2722

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.



81.0230, 0.3802, 0.3073



81.0230, 0.2879, 0.3942



81.0230, 0.2826, 0.2541

Square

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



81.0230, 0.2879, 0.3942



81.0230, 0.2240, 0.2649



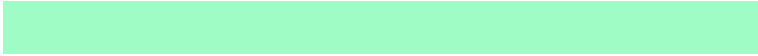
81.0230, 0.3325, 0.2746



81.0230, 0.4090, 0.3847

Rectangle

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



81.0230, 0.2879, 0.3942



81.0230, 0.2303, 0.3144



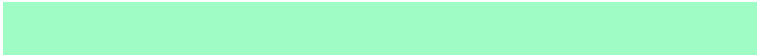
81.0230, 0.3325, 0.2746



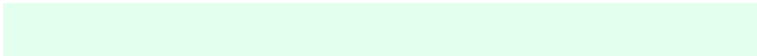
81.0230, 0.4024, 0.3331

Sweetspot

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



81.0263, 0.2879, 0.3942



94.0406, 0.3049, 0.3458



86.5465, 0.3427, 0.4297



19.9838, 0.3039, 0.3480



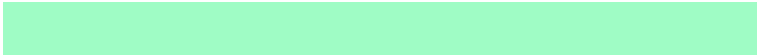
0.0000, 0.0000, 0.0000



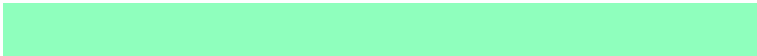
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0263, 0.2879, 0.3942



81.0024, 0.2841, 0.4094



83.4487, 0.2653, 0.3393



19.4269, 0.3060, 0.3434



36.8046, 0.2806, 0.5302



3.4292, 0.2740, 0.5065

Inverse Universe

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



50.3205, 0.3498, 0.2722



45.4539, 0.3598, 0.2614



48.3042, 0.3942, 0.3193



17.3974, 0.3201, 0.3151



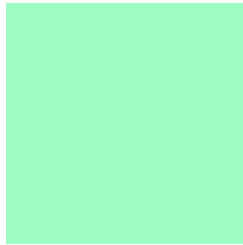
11.9398, 0.4580, 0.2297



1.1269, 0.4371, 0.2181

Previews

White Background



This preview shows how the Yxy color 81.0230, 0.2879, 0.3942 looks on a white background.

Color Contrast Check

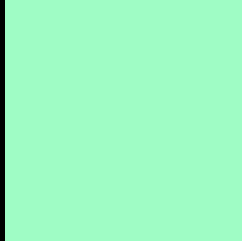
Large Text (above 18pt) WCAG AA × Fail

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 81.0230, 0.2879, 0.3942 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 81.0230, 0.2879, 0.3942

Background



This preview shows how black text looks on a background with the Yxy color 81.0230, 0.2879, 0.3942.



This preview shows how white text looks on a background with the Yxy color 81.0230, 0.2879, 0.3942.

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



Original Color

81.0230, 0.2879, 0.3942

Protanopia

80.1522, 0.3516, 0.3748

Deuteranopia

79.8639, 0.3430, 0.3422



Tritanopia

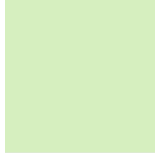
80.4873, 0.2737, 0.3127

Trichromacy



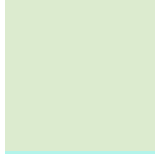
Original Color

81.0230, 0.2879, 0.3942



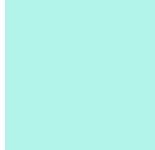
Protanomaly

79.7907, 0.3255, 0.3820



Deuteranomaly

79.1373, 0.3201, 0.3594



Tritanomaly

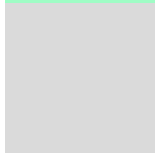
80.2256, 0.2789, 0.3401

Monochromacy



Original Color

81.0230, 0.2879, 0.3942



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

73.1171, 0.3029, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0230, 0.2879, 0.3942 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(159, 252, 197)` looks like.

```
.text, #text, p{  
    color:rgb(159, 252, 197)  
}
```

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(159, 252, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 252, 197) }
```

Border

The CSS property to change the border of an element to Yxy 81.0230, 0.2879, 0.3942 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(159, 252, 197) }
```

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

```
.border{ border-color:rgb(159, 252, 197) }
```

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

Here you see how a box with a 4 pixel rgb(159, 252, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 252, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 252, 197);  
box-shadow:4px 4px 4px 4px rgb(159, 252,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0230, 0.2879, 0.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 252, 197) }
```

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

```
.background{ background-color: rgb(159,  
252, 197) }
```

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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