

Converting Colors

$Yxy(80.8929, 0.2651, 0.3576)$

Have a look what the booklet for
Yxy(80.8929, 0.2651, 0.3576)
contains.

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Color

Yxy(81.0065, 0.2653, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	8FFCE3
RGB	143, 252, 227
RGB Percent	56%, 99%, 89%
CMY	0.4394, 0.0117, 0.1098
CMYK	0.43, 0.00, 0.10, 0.01
HSL	166°, 95%, 77%
HSV	166°, 43%, 99%
XYZ	59.9973, 81.0065, 85.1450
YIQ	216.5590, -56.9390, -30.8830

Conversions

Conversions Part 2

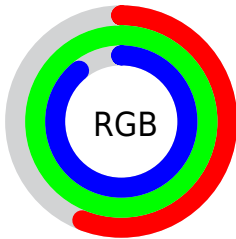
Format	Color
RYB	143, 205, 252
Decimal	9436387
CIELab	92.13, -37.19, 2.18
CIELCh	92, 37.250, 176.646
Yxy	81.0065, 0.2653, 0.3582
Android (android.graphics.Color)	4287626467 (0xFF8FFCE3)
YUV	216.5590, 5.1474, -64.5112
Hunter-Lab	90.0036, -38.5165, 6.9131

Details

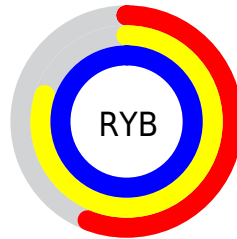
The Yxy color **81.0065, 0.2653, 0.3582** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **43.1563, 0.4001, 0.3028**, and the grayscale version is **69.0591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **43.8936, 0.2543, 0.3646** is the 20% darker color. If you saturate the color by 10%, you get **78.6945, 0.2575, 0.3663**, and if you desaturate by 10%, it is **83.8407, 0.2746, 0.3506**.

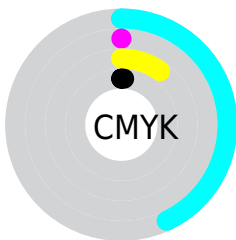
Distribution



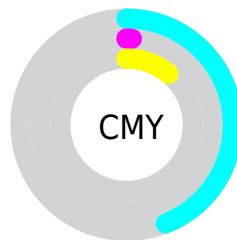
- Red (56%)
- Green (99%)
- Blue (89%)



- Red (56%)
- Yellow (80%)
- Blue (99%)



- Cyan (43%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)




- Cyan (44%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0065, 0.2653, 0.3582 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 81.0065, 0.2653, 0.3582 by changing the saturation by 10% instead.

 81.0065, 0.2653,
0.3582


 81.0065, 0.2653,
0.3582


498.3184, 0.2868,
0.3449

 60.5470, 0.2605,
0.3612


 134.7799, 0.2727,
0.3536

 43.8596, 0.2546,
0.3649

 168.8625, 0.2756,
0.3518

 30.5602, 0.2473,
0.3696


208.2550, 0.2781,
0.3503

 20.2642, 0.2378,
0.3756

253.3417, 0.2802,
0.3489

 12.5872, 0.2252,
0.3837

304.5069, 0.2822,
0.3477

 7.1449, 0.2077,
0.3951

362.1352, 0.2839,

 3.5529, 0.1816,

0.3466

426.6109, 0.2854,
0.3457

0.4125

1.4267, 0.1172,
0.4531

0.2363, 0.0000,
0.6925

81.0065, 0.2653,
0.3582

81.0065, 0.2653,
0.3582

78.6945, 0.2575,
0.3663

83.8407, 0.2746,
0.3506

76.8607, 0.2515,
0.3746

87.2187, 0.2851,
0.3434

75.4698, 0.2475,
0.3832

91.1723, 0.2966,
0.3368

74.4771, 0.2454,
0.3918

95.7282, 0.3087,
0.3308

■ 73.8283, 0.2453,
0.4003

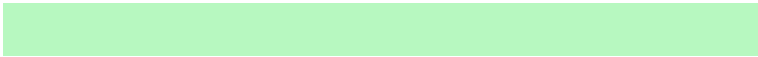
■ 98.1077, 0.3128,
0.3262

■ 73.5322, 0.2461,
0.4060

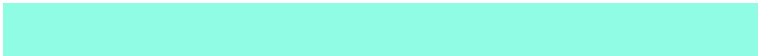
Harmonies

Analogous

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



81.0065, 0.3041, 0.3936



81.0065, 0.2653, 0.3582



81.0065, 0.2401, 0.3155

Triad

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



81.0065, 0.2653, 0.3582



81.0065, 0.2752, 0.2605



81.0065, 0.3989, 0.3689

Complementary

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



81.0065, 0.2653, 0.3582



43.1563, 0.4001, 0.3028

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.



81.0065, 0.3909, 0.3344



81.0065, 0.2653, 0.3582



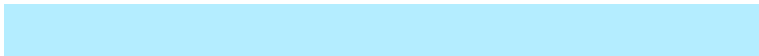
81.0065, 0.3168, 0.2746

Square

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



81.0065, 0.2653, 0.3582



81.0065, 0.2456, 0.2620



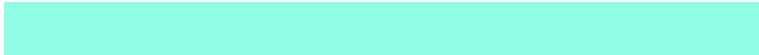
81.0065, 0.3600, 0.3008



81.0065, 0.3821, 0.3964

Rectangle

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



81.0065, 0.2653, 0.3582



81.0065, 0.2334, 0.2909



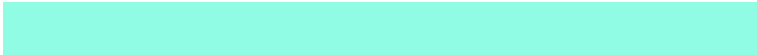
81.0065, 0.3600, 0.3008



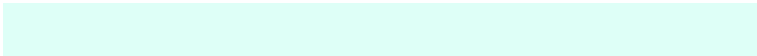
81.0065, 0.3991, 0.3577

Sweetspot

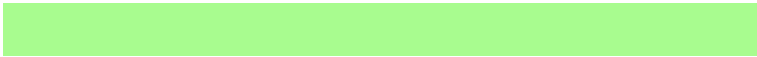
The Sweet Spot groups the original color and five complimentary colors.



81.0097, 0.2653, 0.3582



93.7659, 0.2969, 0.3367



79.9790, 0.3210, 0.4585



19.8658, 0.2943, 0.3381



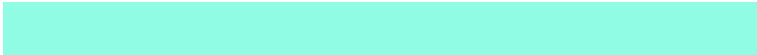
0.0000, 0.0000, 0.0000



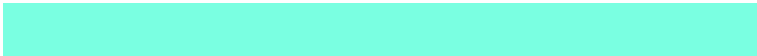
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0097, 0.2653, 0.3582



81.1006, 0.2584, 0.3652



65.6032, 0.2481, 0.2946



19.5365, 0.3011, 0.3345



38.3236, 0.2457, 0.4046



3.5654, 0.2429, 0.3944

Inverse Universe

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



43.1563, 0.4001, 0.3028



37.5712, 0.4284, 0.2981



52.1996, 0.4130, 0.3601



17.2904, 0.3258, 0.3236



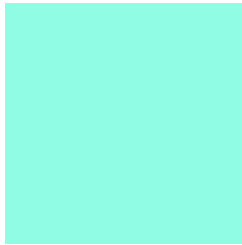
10.9570, 0.5996, 0.3077



1.0303, 0.5670, 0.2897

Previews

White Background



This preview shows how the Yxy color 81.0065, 0.2653, 0.3582 looks on a white background.

Color Contrast Check

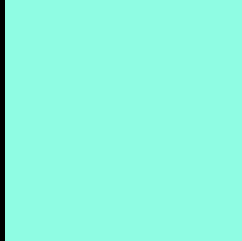
Large Text (above 18pt) WCAG AA × Fail

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 81.0065, 0.2653, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

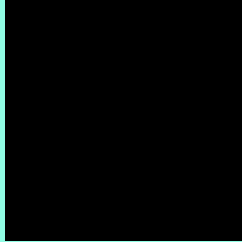
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.0065, 0.2653, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 81.0065, 0.2653, 0.3582.

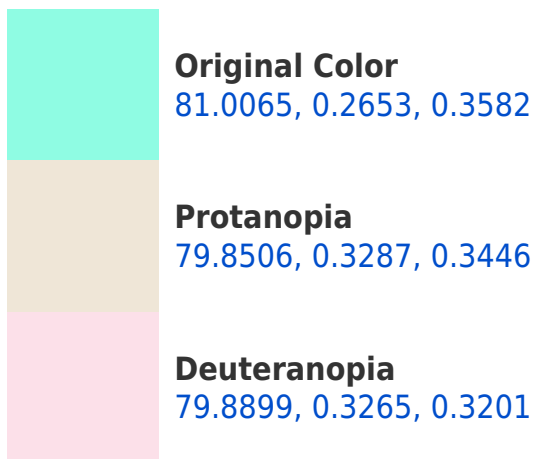


This preview shows how white text looks on a background with the Yxy color 81.0065, 0.2653, 0.3582.

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

80.3209, 0.2705, 0.3137

Trichromacy



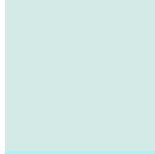
Original Color

81.0065, 0.2653, 0.3582



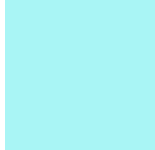
Protanomaly

79.1009, 0.3020, 0.3499



Deuteranomaly

78.6122, 0.3000, 0.3322



Tritanomaly

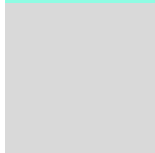
80.3324, 0.2681, 0.3289

Monochromacy



Original Color

81.0065, 0.2653, 0.3582



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

72.7612, 0.2918, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0065, 0.2653, 0.3582 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(143, 252, 227)` looks like.

```
.text, #text, p{  
    color:rgb(143, 252, 227)  
}
```

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(143, 252, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 252, 227) }
```

Border

The CSS property to change the border of an element to Yxy 81.0065, 0.2653, 0.3582 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(143, 252, 227) }
```

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

```
.border{ border-color:rgb(143, 252, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 252, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 252, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 252, 227); box-shadow:4px 4px 4px 4px rgb(143, 252, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0065, 0.2653, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 252, 227) }
```

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

```
.background{ background-color: rgb(143,  
252, 227) }
```

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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