

Converting Colors

$Yxy(82.4135, 0.2613, 0.3378)$

Have a look what the booklet for
Yxy(82.4135, 0.2613, 0.3378)
contains.

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Color

Yxy(82.1053, 0.2608, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	97FBF4
RGB	151, 251, 244
RGB Percent	59%, 98%, 96%
CMY	0.4082, 0.0156, 0.0431
CMYK	0.40, 0.00, 0.03, 0.02
HSL	176°, 93%, 79%
HSV	176°, 40%, 98%
XYZ	63.5780, 82.1053, 98.0973
YIQ	220.3020, -57.3530, -23.3770

Conversions

Conversions Part 2

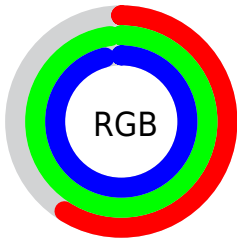
Format	Color
RYB	151, 203, 251
Decimal	9960436
CIELab	92.62, -30.92, -5.89
CIElCh	93, 31.471, 190.782
Yxy	82.1053, 0.2608, 0.3368
Android (android.graphics.Color)	4288150516 (0xFF97FBF4)
YUV	220.3020, 11.6831, -60.7779
Hunter-Lab	90.6120, -33.3263, -0.7595

Details

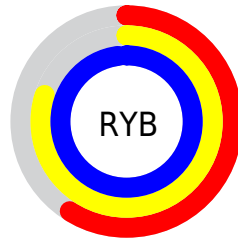
The Yxy color **82.1053, 0.2608, 0.3368** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.0828, 0.4069, 0.3218**, and the grayscale version is **71.7276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **44.5416, 0.2494, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **79.8527, 0.2511, 0.3391**, and if you desaturate by 10%, it is **84.8765, 0.2721, 0.3346**.

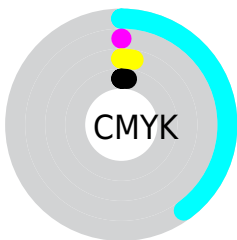
Distribution



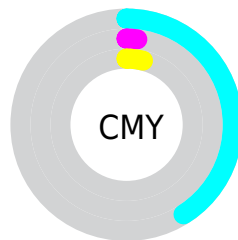
- Red (59%)
- Green (98%)
- Blue (96%)



- Red (59%)
- Yellow (80%)
- Blue (98%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)





- Cyan (41%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1053, 0.2608, 0.3368 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 82.1053, 0.2608, 0.3368 by changing the saturation by 10% instead.


 82.1053, 0.2608,
0.3368


 82.1053, 0.2608,
0.3368


501.9998, 0.2840,
0.3337

 61.4523, 0.2557,
0.3374


 136.3217, 0.2687,
0.3358

 44.5903, 0.2495,
0.3381


 170.6538, 0.2718,
0.3354

 31.1349, 0.2418,
0.3389


210.3146, 0.2745,
0.3350

 20.7016, 0.2320,
0.3399

255.6882, 0.2769,
0.3347

 12.9060, 0.2191,
0.3410

307.1591, 0.2790,
0.3344

 7.3639, 0.2014,
0.3420

365.1118, 0.2808,

 3.6907, 0.1759,

0.3341

429.9306, 0.2825,
0.3339

0.3428

1.5021, 0.1312,
0.3438

0.2902, 0.0000,
0.2851

82.1053, 0.2608,
0.3368

82.1053, 0.2608,
0.3368

79.8527, 0.2511,
0.3391

84.8765, 0.2721,
0.3346

78.0763, 0.2433,
0.3414


88.1865, 0.2847,
0.3326


76.7427, 0.2374,
0.3438


92.0660, 0.2984,
0.3307

75.8102, 0.2335,
0.3462


96.5409, 0.3129,
0.3290

 75.2289, 0.2314,
0.3485

 97.3436, 0.3142,
0.3273

 74.9179, 0.2308,
0.3509

 97.4559, 0.3132,
0.3256

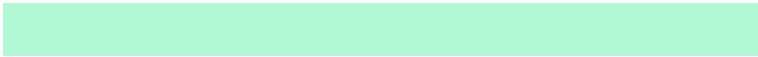
 74.9148, 0.2308,
0.3509

 97.4850, 0.3129,
0.3252

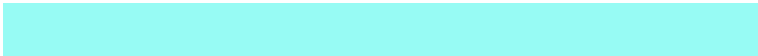
Harmonies

Analogous

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



82.1053, 0.2893, 0.3706



82.1053, 0.2608, 0.3368



82.1053, 0.2462, 0.3030

Triad

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



82.1053, 0.2608, 0.3368



82.1053, 0.2970, 0.2747



82.1053, 0.3811, 0.3755

Complementary

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



82.1053, 0.2608, 0.3368



45.0828, 0.4069, 0.3218

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.



82.1053, 0.3842, 0.3483



82.1053, 0.2608, 0.3368



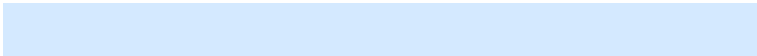
82.1053, 0.3340, 0.2922

Square

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



82.1053, 0.2608, 0.3368



82.1053, 0.2661, 0.2696



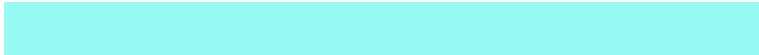
82.1053, 0.3666, 0.3184



82.1053, 0.3590, 0.3923

Rectangle

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



82.1053, 0.2608, 0.3368



82.1053, 0.2456, 0.2856



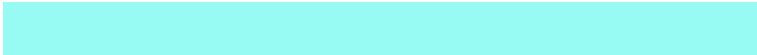
82.1053, 0.3666, 0.3184



82.1053, 0.3845, 0.3671

Sweetspot

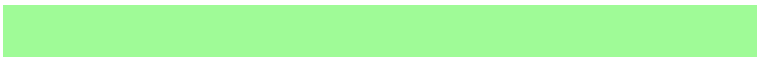
The Sweet Spot groups the original color and five complimentary colors.



82.1085, 0.2608, 0.3368



94.5142, 0.2954, 0.3311



78.6334, 0.3117, 0.4503



20.1137, 0.2936, 0.3313



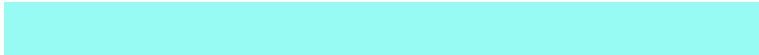
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.1085, 0.2608, 0.3368



83.1550, 0.2528, 0.3386



59.2884, 0.2499, 0.2793



19.5864, 0.2990, 0.3306



39.3813, 0.2307, 0.3505



3.6535, 0.2299, 0.3477

Inverse Universe

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



45.0828, 0.4069, 0.3218



39.8535, 0.4375, 0.3205



60.7170, 0.3957, 0.3733



17.2449, 0.3283, 0.3274



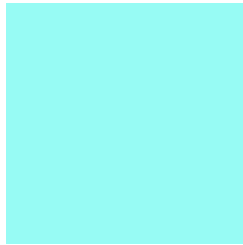
10.8101, 0.6328, 0.3260



1.0078, 0.6160, 0.3167

Previews

White Background



This preview shows how the Yxy color 82.1053, 0.2608, 0.3368 looks on a white background.

Color Contrast Check

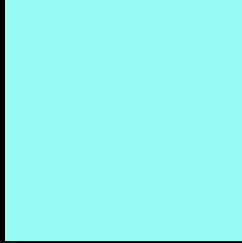
Large Text (above 18pt) WCAG AA × Fail

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 82.1053, 0.2608, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

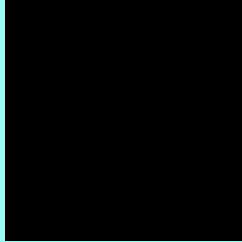
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

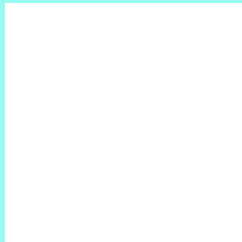
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1053, 0.2608, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 82.1053, 0.2608, 0.3368.

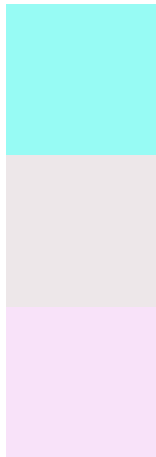


This preview shows how white text looks on a background with the Yxy color 82.1053, 0.2608, 0.3368.

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

82.1053, 0.2608, 0.3368

Protanopia

81.0395, 0.3155, 0.3270

Deuteranopia

81.1887, 0.3131, 0.3062



Tritanopia

81.6714, 0.2739, 0.3149

Trichromacy



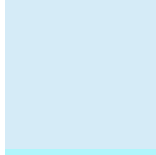
Original Color

82.1053, 0.2608, 0.3368



Protanomaly

80.3853, 0.2928, 0.3300



Deuteranomaly

80.2782, 0.2913, 0.3163



Tritanomaly

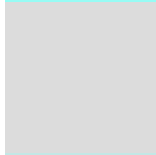
81.5000, 0.2688, 0.3223

Monochromacy



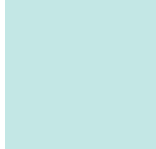
Original Color

82.1053, 0.2608, 0.3368



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

74.4111, 0.2903, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1053, 0.2608, 0.3368 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(151, 251, 244)` looks like.

```
.text, #text, p{  
    color:rgb(151, 251, 244)  
}
```

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(151, 251, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 251, 244) }
```

Border

The CSS property to change the border of an element to Yxy 82.1053, 0.2608, 0.3368 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(151, 251, 244) }
```

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

```
.border{ border-color:rgb(151, 251, 244) }
```

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

Here you see how a box with a 4 pixel rgb(151, 251, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 251, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 251, 244);  
box-shadow:4px 4px 4px 4px rgb(151, 251,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1053, 0.2608, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 251, 244) }
```

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

```
.background{ background-color: rgb(151,  
251, 244) }
```

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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