

Converting Colors

$Yxy(80.8394, 0.2586, 0.3295)$

Have a look what the booklet for
Yxy(80.8394, 0.2586, 0.3295)
contains.

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Color

Yxy(81.1080, 0.2587, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	97F9F8
RGB	151, 249, 248
RGB Percent	59%, 98%, 97%
CMY	0.4077, 0.0235, 0.0275
CMYK	0.39, 0.00, 0.00, 0.02
HSL	179°, 89%, 78%
HSV	179°, 39%, 98%
XYZ	63.5838, 81.1080, 101.0901
YIQ	219.5840, -58.0870, -21.0870

Conversions

Conversions Part 2

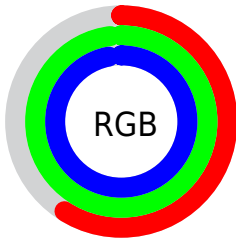
Format	Color
R_{YB}	151, 200, 249
Decimal	9959928
CIE _{Lab}	92.18, -29.00, -8.59
CIE _{LCh}	92, 30.245, 196.506
Yxy	81.1080, 0.2587, 0.3300
Android (android.graphics.Color)	4288150008 (0xFF97F9F8)
YUV	219.5840, 14.0091, -60.1482
Hunter-Lab	90.0600, -31.5812, -3.5095

Details

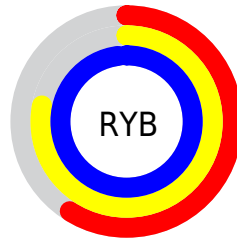
The Yxy color **81.1080, 0.2587, 0.3300** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **44.5566, 0.4111, 0.3282**, and the grayscale version is **71.2037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **43.8322, 0.2466, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **78.9581, 0.2485, 0.3303**, and if you desaturate by 10%, it is **83.7674, 0.2706, 0.3297**.

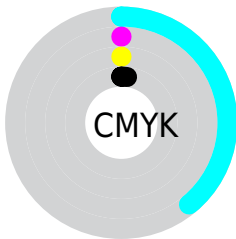
Distribution



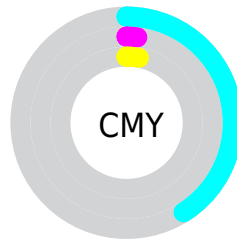
- Red (59%)
- Green (98%)
- Blue (97%)



- Red (59%)
- Yellow (78%)
- Blue (98%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (41%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1080, 0.2587, 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 81.1080, 0.2587, 0.3300 by changing the saturation by 10% instead.


 81.1080, 0.2587,
0.3300


 81.1080, 0.2587,
0.3300


498.6591, 0.2828,
0.3300

 60.6306, 0.2534,
0.3299

 134.9224, 0.2669,
0.3301

 43.9271, 0.2470,
0.3297


 169.0281, 0.2701,
0.3301

 30.6132, 0.2390,
0.3294


208.4454, 0.2729,
0.3301

 20.3045, 0.2288,
0.3288

253.5587, 0.2754,
0.3301

 12.6166, 0.2155,
0.3278

304.7523, 0.2776,
0.3301

 7.1650, 0.1973,
0.3259

362.4106, 0.2795,

 3.5655, 0.1711,

0.3301

426.9181, 0.2813,
0.3301

0.3221

1.4336, 0.1260,
0.3150

0.2413, 0.0000,
0.2184

81.1080, 0.2587,
0.3300

81.1080, 0.2587,
0.3300

78.9581, 0.2485,
0.3303

83.7674, 0.2706,
0.3297

77.2762, 0.2401,
0.3306

86.9560, 0.2839,
0.3294

76.0299, 0.2338,
0.3310

90.7037, 0.2984,
0.3292

75.1785, 0.2293,
0.3313

95.0358, 0.3137,
0.3290

■ 74.6739, 0.2267,
0.3316

■ 95.8688, 0.3164,
0.3287

■ 74.4416, 0.2256,
0.3319

■ 95.8851, 0.3162,
0.3285

■ 74.4300, 0.2256,
0.3320

■ 95.9014, 0.3161,
0.3282

■ 95.9177, 0.3159,
0.3280

■ 95.9341, 0.3157,
0.3277

Harmonies

Analogous

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



81.1080, 0.2841, 0.3634



81.1080, 0.2587, 0.3300



81.1080, 0.2475, 0.2986

Triad

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



81.1080, 0.2587, 0.3300



81.1080, 0.3042, 0.2788



81.1080, 0.3759, 0.3781

Complementary

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



81.1080, 0.2587, 0.3300



44.5566, 0.4111, 0.3282

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.



81.1080, 0.3827, 0.3532



81.1080, 0.2587, 0.3300



81.1080, 0.3399, 0.2977

Square

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



81.1080, 0.2587, 0.3300



81.1080, 0.2725, 0.2715



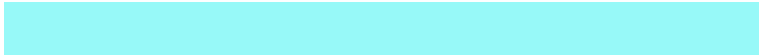
81.1080, 0.3693, 0.3242



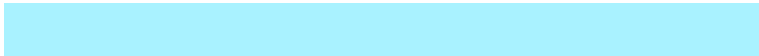
81.1080, 0.3519, 0.3914

Rectangle

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



81.1080, 0.2587, 0.3300



81.1080, 0.2490, 0.2834



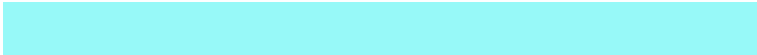
81.1080, 0.3693, 0.3242



81.1080, 0.3804, 0.3707

Sweetspot

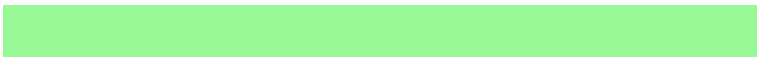
The Sweet Spot groups the original color and five complimentary colors.



81.1112, 0.2587, 0.3300



94.6307, 0.2944, 0.3293



76.7285, 0.3080, 0.4497



20.1413, 0.2925, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

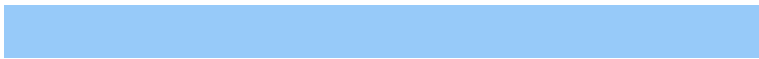
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1112, 0.2587, 0.3300



83.8228, 0.2507, 0.3302



55.5025, 0.2495, 0.2720



19.6053, 0.2982, 0.3292



39.8424, 0.2255, 0.3319



3.6911, 0.2254, 0.3315

Inverse Universe

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



44.5566, 0.4111, 0.3282



40.4189, 0.4416, 0.3281



62.9423, 0.3914, 0.3794



17.2282, 0.3293, 0.3288



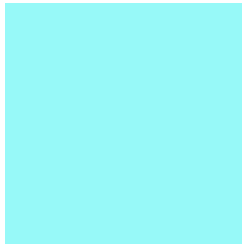
10.7848, 0.6390, 0.3294



0.9999, 0.6363, 0.3279

Previews

White Background



This preview shows how the Yxy color 81.1080, 0.2587, 0.3300 looks on a white background.

Color Contrast Check

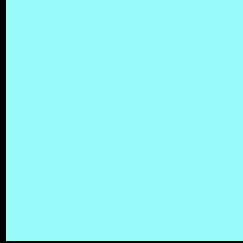
Large Text (above 18pt) WCAG AA × Fail

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 81.1080, 0.2587, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

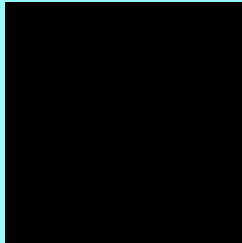
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.1080, 0.2587, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 81.1080, 0.2587, 0.3300.

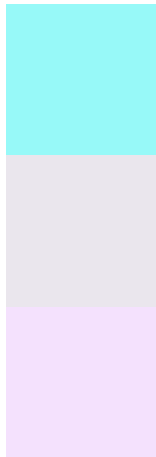


This preview shows how white text looks on a background with the Yxy color 81.1080, 0.2587, 0.3300.

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



Original Color

81.1080, 0.2587, 0.3300

Protanopia

80.2005, 0.3110, 0.3218

Deuteranopia

80.1754, 0.3079, 0.3012



Tritanopia

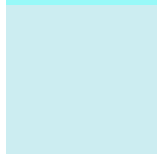
80.5697, 0.2716, 0.3137

Trichromacy



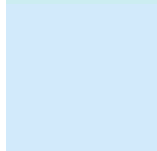
Original Color

81.1080, 0.2587, 0.3300



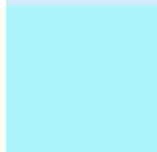
Protanomaly

79.7566, 0.2892, 0.3246



Deuteranomaly

79.5123, 0.2871, 0.3110



Tritanomaly

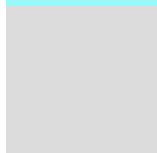
80.6139, 0.2666, 0.3200

Monochromacy



Original Color

81.1080, 0.2587, 0.3300



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

74.4671, 0.2897, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1080, 0.2587, 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(151, 249, 248)` looks like.

```
.text, #text, p{  
    color:rgb(151, 249, 248)  
}
```

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, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 249, 248) }
```

Border

The CSS property to change the border of an element to Yxy 81.1080, 0.2587, 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(151, 249, 248) }
```

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

```
.border{ border-color:rgb(151, 249, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 249, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 249, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 249, 248);  
box-shadow:4px 4px 4px 4px rgb(151, 249,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1080, 0.2587, 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(151, 249, 248) }
```

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

```
.background{ background-color: rgb(151,  
249, 248) }
```

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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