

Converting Colors

$Yxy(81.9184, 0.2622, 0.3297)$

Have a look what the booklet for
Yxy(81.9184, 0.2622, 0.3297)
contains.

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Color

Yxy(81.8996, 0.2624, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	9FF9F8
RGB	159, 249, 248
RGB Percent	62%, 98%, 97%
CMY	0.3762, 0.0235, 0.0276
CMYK	0.36, 0.00, 0.00, 0.02
HSL	179°, 88%, 80%
HSV	179°, 36%, 98%
XYZ	65.1226, 81.8996, 101.1584
YIQ	221.9760, -53.3190, -19.3910

Conversions

Conversions Part 2

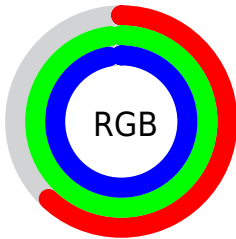
Format	Color
R _Y B	159, 204, 249
Decimal	10484216
CIE Lab	92.53, -27.01, -8.03
CIE LCh	93, 28.180, 196.561
Yxy	81.8996, 0.2624, 0.3300
Android (android.graphics.Color)	4288674296 (0xFF9FF9F8)
YUV	221.9760, 12.8298, -55.2300
Hunter-Lab	90.4984, -29.9237, -2.9250

Details

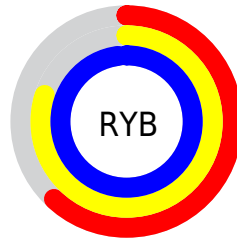
The Yxy color **81.8996, 0.2624, 0.3300** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.4998, 0.3995, 0.3282**, and the grayscale version is **72.9757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **44.3298, 0.2510, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **79.5895, 0.2516, 0.3303**, and if you desaturate by 10%, it is **84.7289, 0.2748, 0.3297**.

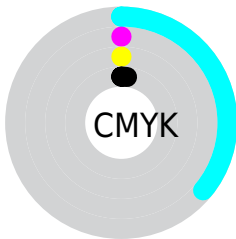
Distribution



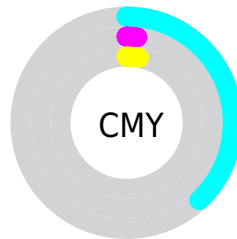
- Red (62%)
- Green (98%)
- Blue (97%)



- Red (62%)
- Yellow (80%)
- Blue (98%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (38%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.8996, 0.2624, 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 81.8996, 0.2624, 0.3300 by changing the saturation by 10% instead.

 81.8996, 0.2624,
0.3300


 81.8996, 0.2624,
0.3300


501.3118, 0.2849,
0.3300

 61.2828, 0.2575,
0.3299


 136.0332, 0.2700,
0.3301

 44.4534, 0.2515,
0.3298


 170.3188, 0.2730,
0.3301

 31.0271, 0.2440,
0.3295


209.9294, 0.2757,
0.3301

 20.6195, 0.2346,
0.3290

255.2494, 0.2780,
0.3301

 12.8462, 0.2221,
0.3282

306.6633, 0.2800,
0.3300

 7.3227, 0.2051,
0.3267

364.5554, 0.2818,

 3.6647, 0.1805,

0.3300

429.3101, 0.2834,
0.3300

0.3235

1.4878, 0.1403,
0.3168

0.2801, 0.0000,
0.2443

81.8996, 0.2624,
0.3300

81.8996, 0.2624,
0.3300

79.5895, 0.2516,
0.3303

84.7289, 0.2748,
0.3297

77.7581, 0.2427,
0.3307

88.0962, 0.2885,
0.3294

76.3742, 0.2357,
0.3310

92.0309, 0.3033,
0.3291

75.3990, 0.2306,
0.3314

95.8558, 0.3165,
0.3289

■ 74.7871, 0.2274,
0.3318

■ 95.8735, 0.3163,
0.3286

■ 74.4822, 0.2259,
0.3321

■ 95.8913, 0.3161,
0.3284

■ 74.4131, 0.2256,
0.3323

■ 95.9091, 0.3160,
0.3281

■ 95.9269, 0.3158,
0.3278

■ 95.9447, 0.3156,
0.3275

Harmonies

Analogous

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



81.8996, 0.2861, 0.3608



81.8996, 0.2624, 0.3300



81.8996, 0.2519, 0.3009

Triad

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



81.8996, 0.2624, 0.3300



81.8996, 0.3049, 0.2822



81.8996, 0.3714, 0.3748

Complementary

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



81.8996, 0.2624, 0.3300



47.4998, 0.3995, 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.



81.8996, 0.3776, 0.3518



81.8996, 0.2624, 0.3300



81.8996, 0.3381, 0.2999

Square

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



81.8996, 0.2624, 0.3300



81.8996, 0.2754, 0.2753



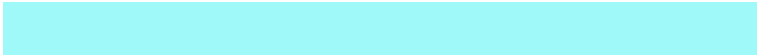
81.8996, 0.3653, 0.3247



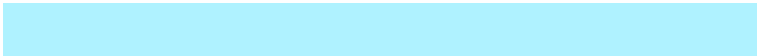
81.8996, 0.3491, 0.3869

Rectangle

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



81.8996, 0.2624, 0.3300



81.8996, 0.2533, 0.2866



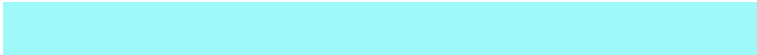
81.8996, 0.3653, 0.3247



81.8996, 0.3755, 0.3680

Sweetspot

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



81.9028, 0.2624, 0.3300



95.0422, 0.2959, 0.3293



77.7871, 0.3085, 0.4382



20.2233, 0.2939, 0.3293



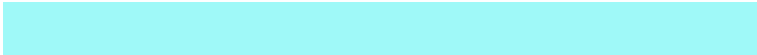
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



81.9028, 0.2624, 0.3300



84.7113, 0.2547, 0.3302



58.1342, 0.2547, 0.2774



19.6050, 0.2982, 0.3292



39.8348, 0.2256, 0.3322



3.6905, 0.2255, 0.3318

Inverse Universe

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



47.4998, 0.3995, 0.3282



43.7120, 0.4251, 0.3280



65.1364, 0.3835, 0.3752



17.2284, 0.3292, 0.3288



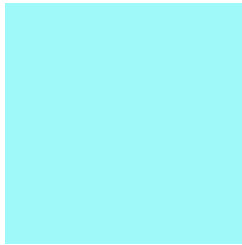
10.7852, 0.6389, 0.3293



1.0000, 0.6360, 0.3277

Previews

White Background



This preview shows how the Yxy color 81.8996, 0.2624, 0.3300 looks on a white background.

Color Contrast Check

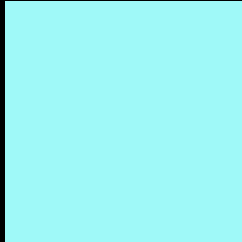
Large Text (above 18pt) WCAG AA × Fail

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 81.8996, 0.2624, 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 81.8996, 0.2624, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 81.8996, 0.2624, 0.3300.

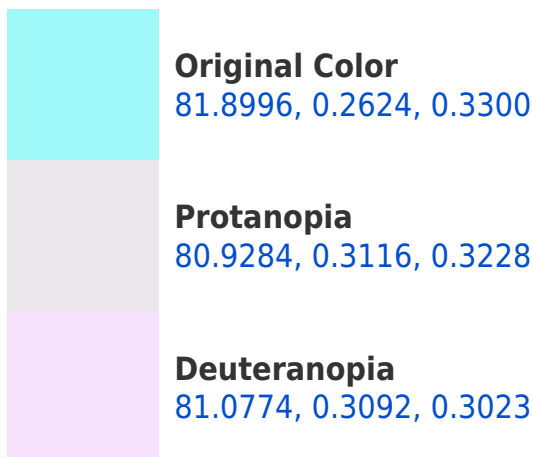


This preview shows how white text looks on a background with the Yxy color 81.8996, 0.2624, 0.3300.

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





Tritanopia

81.8006, 0.2745, 0.3149

Trichromacy



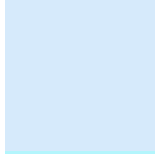
Original Color

81.8996, 0.2624, 0.3300



Protanomaly

80.7653, 0.2911, 0.3257



Deuteranomaly

80.1068, 0.2896, 0.3111



Tritanomaly

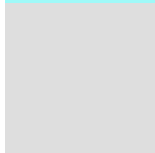
81.9168, 0.2698, 0.3212

Monochromacy



Original Color

81.8996, 0.2624, 0.3300



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

75.6249, 0.2917, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.8996, 0.2624, 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(159, 249, 248)` looks like.

```
.text, #text, p{  
    color:rgb(159, 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(159, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 249, 248) }
```

Border

The CSS property to change the border of an element to Yxy 81.8996, 0.2624, 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(159, 249, 248) }
```

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

```
.border{ border-color:rgb(159, 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(159, 249, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 249, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 249, 248);  
box-shadow:4px 4px 4px 4px rgb(159, 249,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8996, 0.2624, 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(159, 249, 248) }
```

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

```
.background{ background-color: rgb(159,  
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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