

Converting Colors

$Yxy(81.6177, 0.2619, 0.3399)$

Have a look what the booklet for
Yxy(81.6177, 0.2619, 0.3399)
contains.

Yxy(81.8293, 0.2618, 0.3403)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(81.8293, 0.2618, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	96FBF1
RGB	150, 251, 241
RGB Percent	59%, 98%, 95%
CMY	0.4117, 0.0157, 0.0550
CMYK	0.40, 0.00, 0.04, 0.02
HSL	174°, 93%, 79%
HSV	174°, 40%, 98%
XYZ	62.9530, 81.8293, 95.6799
YIQ	219.6610, -56.9860, -24.5220

Conversions

Conversions Part 2

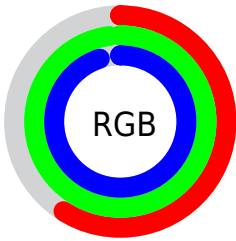
Format	Color
R_{YB}	150, 203, 251
Decimal	9894897
CIE Lab	92.50, -31.83, -4.50
CIE LCh	92, 32.144, 188.043
Yxy	81.8293, 0.2618, 0.3403
Android (android.graphics.Color)	4288084977 (0xFF96FBF1)
YUV	219.6610, 10.5201, -61.0927
Hunter-Lab	90.4595, -34.0817, 0.6101

Details

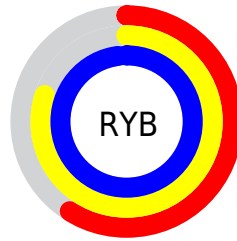
The Yxy color **81.8293, 0.2618, 0.3403** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **44.8714, 0.4050, 0.3186**, and the grayscale version is **71.2821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **44.3617, 0.2505, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **79.5525, 0.2524, 0.3436**, and if you desaturate by 10%, it is **84.6246, 0.2728, 0.3372**.

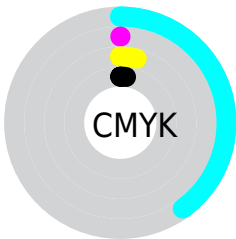
Distribution



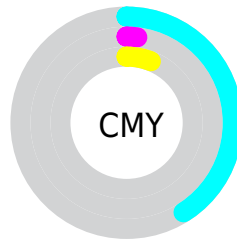
- Red (59%)
- Green (98%)
- Blue (95%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)




- Cyan (41%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.8293, 0.2618, 0.3403 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 81.8293, 0.2618, 0.3403 by changing the saturation by 10% instead.


 81.8293, 0.2618,
0.3403


 81.8293, 0.2618,
0.3403


501.0765, 0.2846,
0.3355

 61.2248, 0.2568,
0.3413


 135.9346, 0.2696,
0.3387

 44.4066, 0.2507,
0.3425


 170.2042, 0.2726,
0.3381

 30.9903, 0.2430,
0.3439


209.7977, 0.2753,
0.3375

 20.5915, 0.2333,
0.3457

255.0994, 0.2776,
0.3370

 12.8257, 0.2205,
0.3478

306.4937, 0.2797,
0.3366

 7.3086, 0.2030,
0.3505

364.3651, 0.2815,

 3.6559, 0.1775,

0.3362

429.0979, 0.2831,
0.3358

0.3537

1.4830, 0.1306,
0.3598

0.2767, 0.0000,
0.3101

81.8293, 0.2618,
0.3403

81.8293, 0.2618,
0.3403

79.5525, 0.2524,
0.3436

84.6246, 0.2728,
0.3372

77.7517, 0.2449,
0.3470

87.9586, 0.2850,
0.3343

76.3932, 0.2392,
0.3504

91.8621, 0.2983,
0.3315


75.4352, 0.2356,
0.3538

96.3611, 0.3124,
0.3291

 74.8274, 0.2338,
0.3573

 97.3757, 0.3138,
0.3267

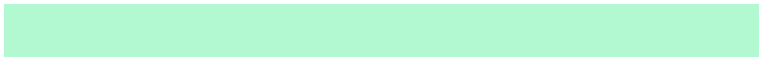
 74.4921, 0.2335,
0.3606

 97.4760, 0.3129,
0.3252

Harmonies

Analogous

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



81.8293, 0.2919, 0.3742



81.8293, 0.2618, 0.3403



81.8293, 0.2454, 0.3052

Triad

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



81.8293, 0.2618, 0.3403



81.8293, 0.2933, 0.2725



81.8293, 0.3838, 0.3742

Complementary

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



81.8293, 0.2618, 0.3403



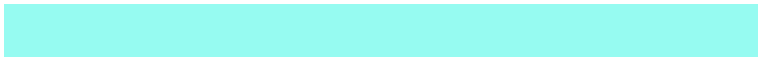
44.8714, 0.4050, 0.3186

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.



81.8293, 0.3850, 0.3458



81.8293, 0.2618, 0.3403



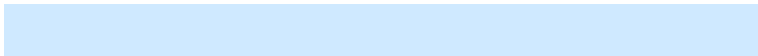
81.8293, 0.3310, 0.2893

Square

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



81.8293, 0.2618, 0.3403



81.8293, 0.2628, 0.2686



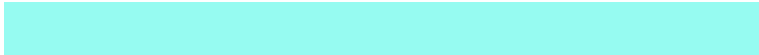
81.8293, 0.3653, 0.3154



81.8293, 0.3627, 0.3928

Rectangle

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



81.8293, 0.2618, 0.3403



81.8293, 0.2438, 0.2867



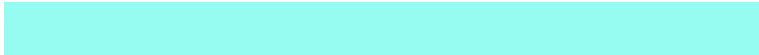
81.8293, 0.3653, 0.3154



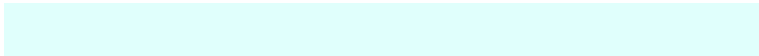
81.8293, 0.3866, 0.3654

Sweetspot

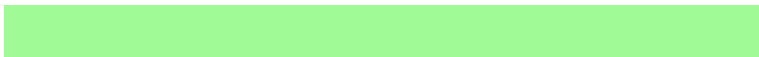
The Sweet Spot groups the original color and five complimentary colors.



81.8325, 0.2618, 0.3403



94.4572, 0.2959, 0.3320



78.6855, 0.3127, 0.4512



20.1002, 0.2941, 0.3324



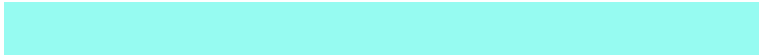
0.0000, 0.0000, 0.0000



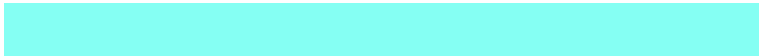
21.4041, 0.3127, 0.3290

Same Dimension

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



81.8325, 0.2618, 0.3403



82.9362, 0.2543, 0.3428



59.8484, 0.2497, 0.2809



19.5772, 0.2994, 0.3313



39.1675, 0.2333, 0.3600



3.6359, 0.2322, 0.3559

Inverse Universe

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



44.8714, 0.4050, 0.3186



39.9623, 0.4333, 0.3168



59.7210, 0.3974, 0.3720



17.2532, 0.3278, 0.3267



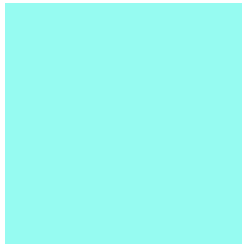
10.8266, 0.6288, 0.3238



1.0118, 0.6066, 0.3115

Previews

White Background



This preview shows how the Yxy color 81.8293, 0.2618, 0.3403 looks on a white background.

Color Contrast Check

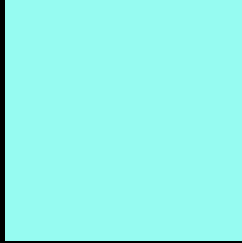
Large Text (above 18pt) WCAG AA × Fail

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 81.8293, 0.2618, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

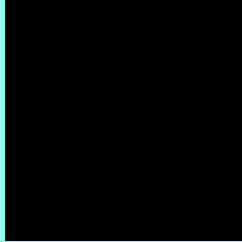
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.8293, 0.2618, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 81.8293, 0.2618, 0.3403.

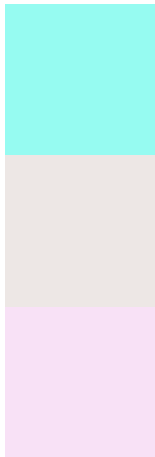


This preview shows how white text looks on a background with the Yxy color 81.8293, 0.2618, 0.3403.

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

81.8293, 0.2618, 0.3403

Protanopia

80.8135, 0.3181, 0.3311

Deuteranopia

80.4607, 0.3151, 0.3081



Tritanopia

81.5431, 0.2734, 0.3149

Trichromacy



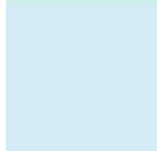
Original Color

81.8293, 0.2618, 0.3403



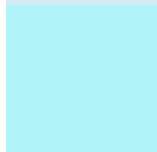
Protanomaly

80.0114, 0.2944, 0.3344



Deuteranomaly

79.3743, 0.2924, 0.3183



Tritanomaly

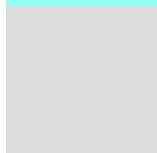
81.3209, 0.2688, 0.3234

Monochromacy



Original Color

81.8293, 0.2618, 0.3403



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

74.3554, 0.2909, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.8293, 0.2618, 0.3403 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(150, 251, 241)` looks like.

```
.text, #text, p{  
    color:rgb(150, 251, 241)  
}
```

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(150, 251, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 251, 241) }
```

Border

The CSS property to change the border of an element to Yxy 81.8293, 0.2618, 0.3403 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(150, 251, 241) }
```

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

```
.border{ border-color:rgb(150, 251, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 251, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 251, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 251, 241);  
box-shadow:4px 4px 4px 4px rgb(150, 251,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8293, 0.2618, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 251, 241) }
```

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

```
.background{ background-color: rgb(150,  
251, 241) }
```

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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