

Converting Colors

$Yxy(79.0930, 0.2599, 0.3440)$

Have a look what the booklet for
Yxy(79.0930, 0.2599, 0.3440)
contains.

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Color

Yxy(78.7957, 0.2600, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	8DF8EB
RGB	141, 248, 235
RGB Percent	55%, 97%, 92%
CMY	0.4473, 0.0274, 0.0785
CMYK	0.43, 0.00, 0.05, 0.03
HSL	173°, 88%, 76%
HSV	173°, 43%, 97%
XYZ	59.5376, 78.7957, 90.6574
YIQ	214.5250, -59.5990, -26.7270

Conversions

Conversions Part 2

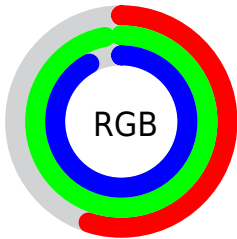
Format	Color
RYB	141, 198, 248
Decimal	9304299
CIELab	91.14, -34.00, -3.43
CIELCh	91, 34.177, 185.753
Yxy	78.7957, 0.2600, 0.3441
Android (android.graphics.Color)	4287494379 (0xFF8DF8EB)
YUV	214.5250, 10.0942, -64.4814
Hunter-Lab	88.7669, -35.6190, 1.5842

Details

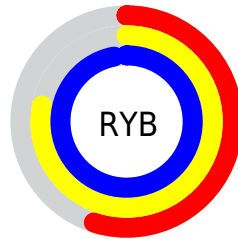
The Yxy color **78.7957, 0.2600, 0.3441** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.3233, 0.4125, 0.3153**, and the grayscale version is **67.5699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **42.3101, 0.2484, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **76.6909, 0.2513, 0.3482**, and if you desaturate by 10%, it is **81.3963, 0.2703, 0.3402**.

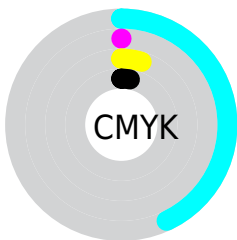
Distribution



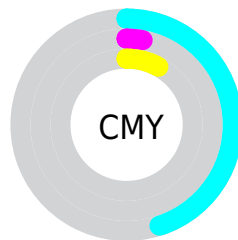
- Red (55%)
- Green (97%)
- Blue (92%)



- Red (55%)
- Yellow (78%)
- Blue (97%)



- Cyan (43%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)




- Cyan (45%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.7957, 0.2600, 0.3441 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 78.7957, 0.2600, 0.3441 by changing the saturation by 10% instead.


 78.7957, 0.2600,
0.3441

 78.7957, 0.2600,
0.3441


490.8649, 0.2838,
0.3375

 58.7279, 0.2547,
0.3455


 131.6712, 0.2681,
0.3419

 42.3941, 0.2483,
0.3472


 165.2477, 0.2713,
0.3410

 29.4100, 0.2402,
0.3493


204.0958, 0.2741,
0.3402

 19.3912, 0.2299,
0.3519

248.5999, 0.2765,
0.3396

 11.9533, 0.2162,
0.3552

299.1445, 0.2787,
0.3390

 6.7119, 0.1973,
0.3596

356.1140, 0.2806,

 3.2826, 0.1696,

0.3384

419.8926, 0.2823,
0.3379

0.3653

1.2810, 0.1022,
0.3827

0.1264, 0.0000,
0.2510

78.7957, 0.2600,
0.3441

78.7957, 0.2600,
0.3441

76.6909, 0.2513,
0.3482

81.3963, 0.2703,
0.3402

75.0397, 0.2445,
0.3524


84.5133, 0.2820,
0.3365


73.8083, 0.2396,
0.3567


88.1773, 0.2948,
0.3331


72.9538, 0.2366,
0.3610

92.4137, 0.3083,
0.3299

 72.4244, 0.2355,
0.3652

 95.3107, 0.3159,
0.3270

 72.1975, 0.2356,
0.3681

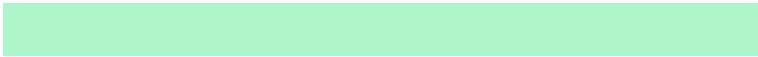
 95.5016, 0.3142,
0.3242

 95.6239, 0.3130,
0.3223

Harmonies

Analogous

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



78.7957, 0.2931, 0.3803



78.7957, 0.2600, 0.3441



78.7957, 0.2413, 0.3057

Triad

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



78.7957, 0.2600, 0.3441



78.7957, 0.2889, 0.2677



78.7957, 0.3901, 0.3752

Complementary

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



78.7957, 0.2600, 0.3441



41.3233, 0.4125, 0.3153

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.



78.7957, 0.3898, 0.3443



78.7957, 0.2600, 0.3441



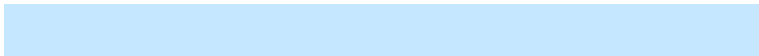
78.7957, 0.3292, 0.2847

Square

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



78.7957, 0.2600, 0.3441



78.7957, 0.2571, 0.2646



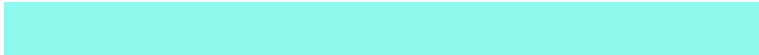
78.7957, 0.3669, 0.3120



78.7957, 0.3687, 0.3967

Rectangle

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



78.7957, 0.2600, 0.3441



78.7957, 0.2387, 0.2853



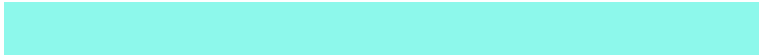
78.7957, 0.3669, 0.3120



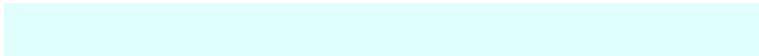
78.7957, 0.3926, 0.3655

Sweetspot

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



78.7988, 0.2600, 0.3441



93.9889, 0.2950, 0.3330



76.0553, 0.3145, 0.4606



19.9214, 0.2921, 0.3338



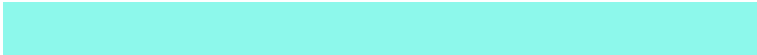
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



78.7988, 0.2600, 0.3441



81.9110, 0.2522, 0.3477



57.9161, 0.2460, 0.2813



19.5701, 0.2997, 0.3319



39.0099, 0.2354, 0.3674



3.6229, 0.2340, 0.3624

Inverse Universe

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



41.3233, 0.4125, 0.3153



37.1280, 0.4457, 0.3130



54.6042, 0.4072, 0.3713



17.2596, 0.3275, 0.3261



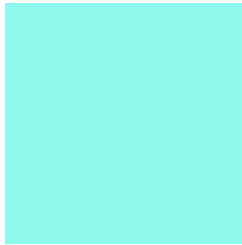
10.8422, 0.6251, 0.3217



1.0148, 0.5997, 0.3077

Previews

White Background



This preview shows how the Yxy color 78.7957, 0.2600, 0.3441 looks on a white background.

Color Contrast Check

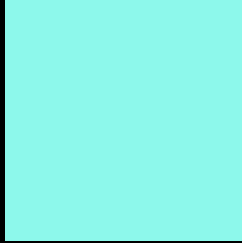
Large Text (above 18pt) WCAG AA × Fail

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 78.7957, 0.2600, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

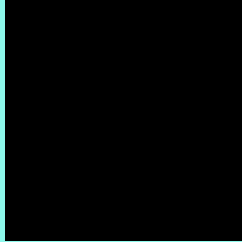
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

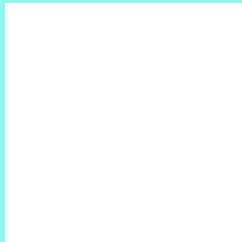
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.7957, 0.2600, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 78.7957, 0.2600, 0.3441.

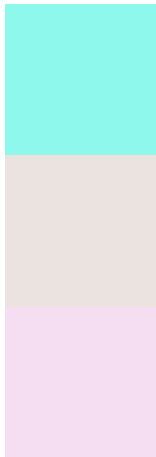


This preview shows how white text looks on a background with the Yxy color 78.7957, 0.2600, 0.3441.

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

78.7957, 0.2600, 0.3441

Protanopia

77.7583, 0.3202, 0.3332

Deuteranopia

78.0059, 0.3164, 0.3099



Tritanopia

78.5388, 0.2651, 0.3123

Trichromacy



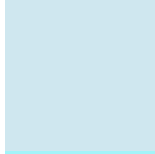
Original Color

78.7957, 0.2600, 0.3441



Protanomaly

77.2421, 0.2947, 0.3378



Deuteranomaly

76.6492, 0.2920, 0.3203



Tritanomaly

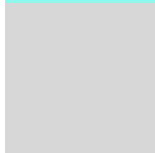
78.5599, 0.2629, 0.3232

Monochromacy



Original Color

78.7957, 0.2600, 0.3441



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.9035, 0.2898, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7957, 0.2600, 0.3441 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(141, 248, 235)` looks like.

```
.text, #text, p{  
    color:rgb(141, 248, 235)  
}
```

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(141, 248, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 248, 235) }
```

Border

The CSS property to change the border of an element to Yxy 78.7957, 0.2600, 0.3441 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(141, 248, 235) }
```

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

```
.border{ border-color:rgb(141, 248, 235) }
```

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

Here you see how a box with a 4 pixel rgb(141, 248, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 248, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 248, 235);  
box-shadow:4px 4px 4px 4px rgb(141, 248,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7957, 0.2600, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 248, 235) }
```

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

```
.background{ background-color: rgb(141,  
248, 235) }
```

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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