

Converting Colors

$Yxy(87.9671, 0.2716, 0.3339)$

Have a look what the booklet for
Yxy(87.9671, 0.2716, 0.3339)
contains.

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Color

Yxy(88.0058, 0.2720, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	B3FFFA
RGB	179, 255, 250
RGB Percent	70%, 100%, 98%
CMY	0.2980, 0.0000, 0.0197
CMYK	0.30, 0.00, 0.02, 0.00
HSL	176°, 100%, 85%
HSV	176°, 30%, 100%
XYZ	71.6051, 88.0058, 103.6431
YIQ	231.7060, -43.6910, -17.6670

Conversions

Conversions Part 2

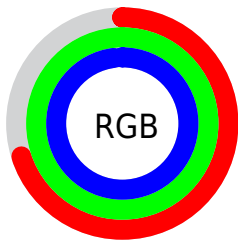
Format	Color
RYB	179, 218, 255
Decimal	11796474
CIELab	95.16, -24.19, -5.08
CIElCh	95, 24.721, 191.853
Yxy	88.0058, 0.2720, 0.3343
Android (android.graphics.Color)	4289986554 (0xFFB3FFFA)
YUV	231.7060, 9.0189, -46.2232
Hunter-Lab	93.8114, -27.9231, 0.1642

Details

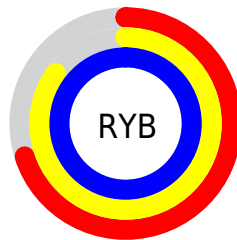
The Yxy color **88.0058, 0.2720, 0.3343** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.9661, 0.3754, 0.3239**, and the grayscale version is **80.4213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **48.4942, 0.2628, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **85.1383, 0.2607, 0.3363**, and if you desaturate by 10%, it is **91.4369, 0.2847, 0.3324**.

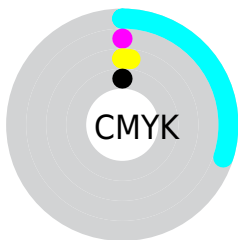
Distribution



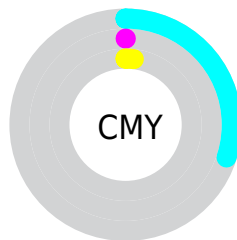
- Red (70%)
- Green (100%)
- Blue (98%)



- Red (70%)
- Yellow (85%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (30%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0058, 0.2720, 0.3343 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 88.0058, 0.2720, 0.3343 by changing the saturation by 10% instead.


 88.0058, 0.2720,
0.3343

 88.0058, 0.2720,
0.3343


521.5222, 0.2900,
0.3322

 66.3279, 0.2681,
0.3347


 144.5652, 0.2781,
0.3336

 48.5386, 0.2633,
0.3352


180.2155, 0.2805,
0.3333

 34.2536, 0.2574,
0.3358


221.2921, 0.2826,
0.3331

 23.0885, 0.2499,
0.3364

268.1792, 0.2845,
0.3329

 14.6589, 0.2401,
0.3372

321.2615, 0.2861,
0.3327

 8.5803, 0.2267,
0.3380

380.9231, 0.2875,

 4.4685, 0.2074,

0.3325

0.3388

447.5485, 0.2888,
0.3323

1.9389, 0.1775,
0.3388

0.5716, 0.0000,
0.3690

88.0058, 0.2720,
0.3343

88.0058, 0.2720,
0.3343

85.1383, 0.2607,
0.3363

91.4369, 0.2847,
0.3324


82.8021, 0.2510,
0.3385

95.4590, 0.2985,
0.3306

80.9636, 0.2431,
0.3407


100.0000, 0.3127,
0.3290

79.5849, 0.2371,
0.3429

 78.6225, 0.2332,
0.3452

 78.0247, 0.2311,
0.3474

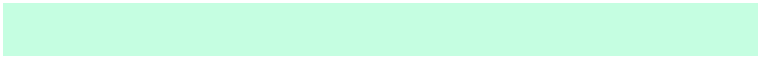
 77.7088, 0.2305,
0.3496

 77.7035, 0.2305,
0.3496

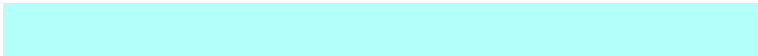
Harmonies

Analogous

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



88.0058, 0.2940, 0.3597



88.0058, 0.2720, 0.3343



88.0058, 0.2608, 0.3087

Triad

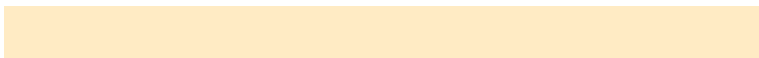
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0058, 0.2720, 0.3343



88.0058, 0.3018, 0.2869



88.0058, 0.3649, 0.3660

Complementary

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



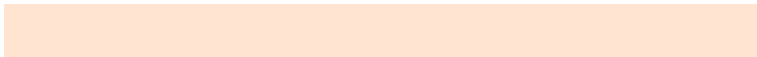
88.0058, 0.2720, 0.3343



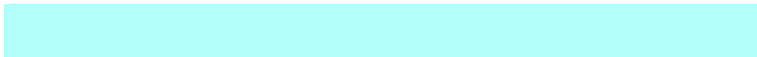
56.9661, 0.3754, 0.3239

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.



88.0058, 0.3676, 0.3454



88.0058, 0.2720, 0.3343



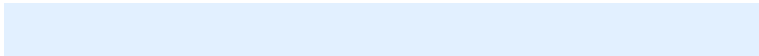
88.0058, 0.3302, 0.3010

Square

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



88.0058, 0.2720, 0.3343



88.0058, 0.2774, 0.2828



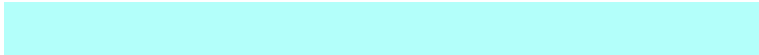
88.0058, 0.3547, 0.3219



88.0058, 0.3478, 0.3778

Rectangle

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



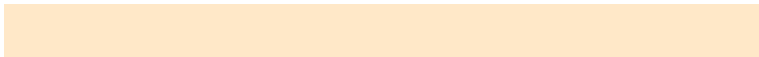
88.0058, 0.2720, 0.3343



88.0058, 0.2606, 0.2953



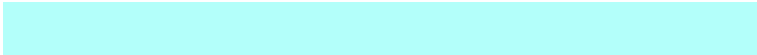
88.0058, 0.3547, 0.3219



88.0058, 0.3675, 0.3598

Sweetspot

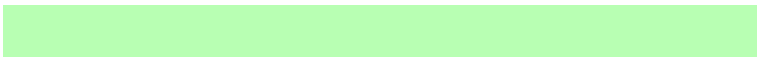
The Sweet Spot groups the original color and five complimentary colors.



88.0063, 0.2720, 0.3343



95.8070, 0.2996, 0.3305



84.9749, 0.3116, 0.4158



20.3718, 0.2975, 0.3307



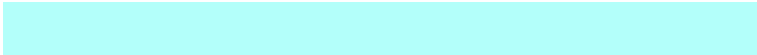
0.0000, 0.0000, 0.0000



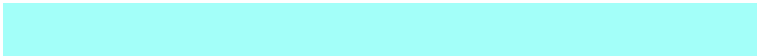
21.4041, 0.3127, 0.3290

Same Dimension

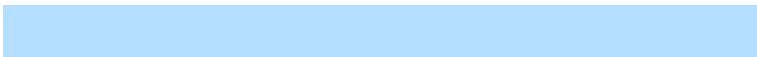
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0063, 0.2720, 0.3343



86.1637, 0.2648, 0.3356



69.0853, 0.2655, 0.2921



20.4596, 0.2989, 0.3305



40.6106, 0.2304, 0.3493



3.9601, 0.2297, 0.3467

Inverse Universe

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



56.9661, 0.3754, 0.3239



50.3997, 0.3943, 0.3229



71.5717, 0.3699, 0.3631



18.0065, 0.3284, 0.3275



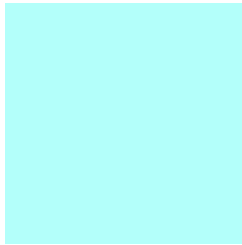
11.1369, 0.6334, 0.3263



1.0908, 0.6181, 0.3179

Previews

White Background



This preview shows how the Yxy color 88.0058, 0.2720, 0.3343 looks on a white background.

Color Contrast Check

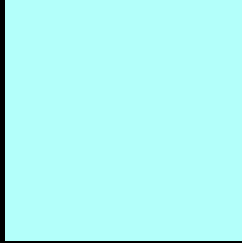
Large Text (above 18pt) WCAG AA × Fail

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 88.0058, 0.2720, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

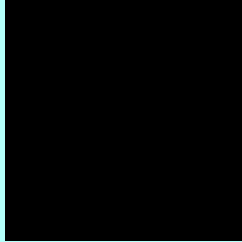
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

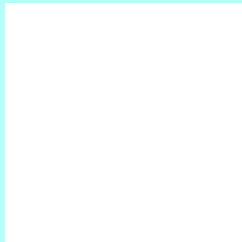
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0058, 0.2720, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 88.0058, 0.2720, 0.3343.

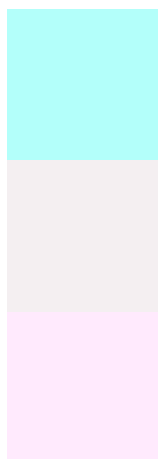


This preview shows how white text looks on a background with the Yxy color 88.0058, 0.2720, 0.3343.

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

88.0058, 0.2720, 0.3343

Protanopia

87.3170, 0.3148, 0.3270

Deuteranopia

87.1975, 0.3149, 0.3107



Tritanopia

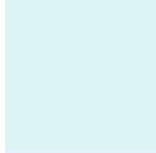
87.2765, 0.2896, 0.3187

Trichromacy



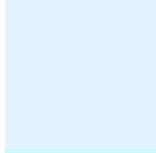
Original Color

88.0058, 0.2720, 0.3343



Protanomaly

87.0521, 0.2976, 0.3300



Deuteranomaly

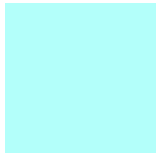
86.8634, 0.2973, 0.3188



Tritanomaly

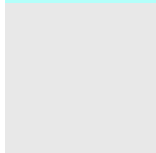
87.5397, 0.2828, 0.3247

Monochromacy



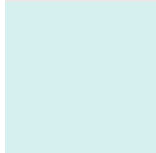
Original Color

88.0058, 0.2720, 0.3343



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.6983, 0.2960, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0058, 0.2720, 0.3343 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(179, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 250)  
}
```

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(179, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 88.0058, 0.2720, 0.3343 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(179, 255, 250) }
```

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

```
.border{ border-color:rgb(179, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0058, 0.2720, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 250) }
```

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

```
.background{ background-color: rgb(179,  
255, 250) }
```

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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