

Converting Colors

$Yxy(88.8692, 0.2723, 0.3295)$

Have a look what the booklet for
Yxy(88.8692, 0.2723, 0.3295)
contains.

Yxy(88.8661, 0.2726, 0.3300)	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(88.8661, 0.2726, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	B8FFFE
RGB	184, 255, 254
RGB Percent	72%, 100%, 100%
CMY	0.2785, 0.0000, 0.0041
CMYK	0.28, 0.00, 0.00, 0.00
HSL	179°, 100%, 86%
HSV	179°, 28%, 100%
XYZ	73.4088, 88.8661, 107.0163
YIQ	233.6570, -41.9950, -15.3630

Conversions

Conversions Part 2

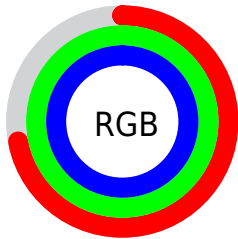
Format	Color
RYB	184, 220, 255
Decimal	12124158
CIELab	95.52, -21.96, -6.57
CIELCh	96, 22.923, 196.648
Yxy	88.8661, 0.2726, 0.3300
Android (android.graphics.Color)	4290314238 (0xFFB8FFFE)
YUV	233.6570, 10.0291, -43.5492
Hunter-Lab	94.2688, -25.9693, -1.3193

Details

The Yxy color **88.8661, 0.2726, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.0400, 0.3731, 0.3281**, and the grayscale version is **81.9464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **49.0086, 0.2640, 0.3302** is the 20% darker color. If you saturate the color by 10%, you get **85.9682, 0.2605, 0.3304**, and if you desaturate by 10%, it is **92.3239, 0.2861, 0.3296**.

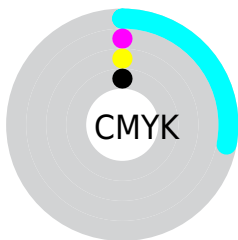
Distribution



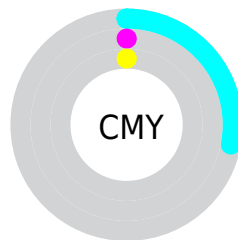
- Red (72%)
- Green (100%)
- Blue (100%)



- Red (72%)
- Yellow (86%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (28%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8661, 0.2726, 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 88.8661, 0.2726, 0.3300 by changing the saturation by 10% instead.


 88.8661, 0.2726,
0.3300

 88.8661, 0.2726,
0.3300


524.3354, 0.2903,
0.3298

 67.0406, 0.2687,
0.3300

 145.7623, 0.2786,
0.3300

 49.1176, 0.2641,
0.3299


181.6019, 0.2810,
0.3300

 34.7128, 0.2583,
0.3298


222.8815, 0.2830,
0.3299

 23.4417, 0.2510,
0.3296

269.9857, 0.2848,
0.3299

 14.9200, 0.2415,
0.3293

323.2987, 0.2864,
0.3299

 8.7633, 0.2285,
0.3285

383.2051, 0.2879,

 4.5871, 0.2098,

0.3299

0.3270

450.0892, 0.2891,
0.3298

2.0071, 0.1811,
0.3233

0.6116, 0.0252,
0.3415

88.8661, 0.2726,
0.3300

88.8661, 0.2726,
0.3300

85.9682, 0.2605,
0.3304

92.3239, 0.2861,
0.3296

83.6112, 0.2501,
0.3308

96.3813, 0.3007,
0.3293

81.7580, 0.2415,
0.3313

100.0000, 0.3127,
0.3290

80.3715, 0.2348,
0.3318

■ 79.4094, 0.2301,
0.3322

■ 78.8220, 0.2273,
0.3327

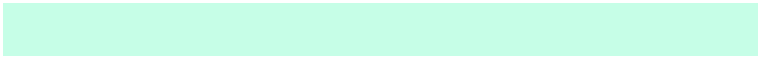
■ 78.5427, 0.2261,
0.3332

■ 78.5022, 0.2259,
0.3333

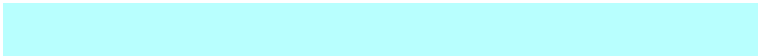
Harmonies

Analogous

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



88.8661, 0.2917, 0.3539



88.8661, 0.2726, 0.3300



88.8661, 0.2641, 0.3070

Triad

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



88.8661, 0.2726, 0.3300



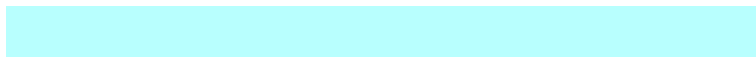
88.8661, 0.3068, 0.2914



88.8661, 0.3592, 0.3657

Complementary

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



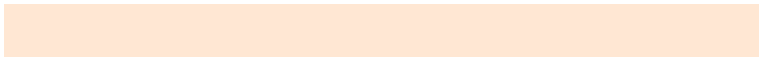
88.8661, 0.2726, 0.3300



59.0400, 0.3731, 0.3281

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.



88.8661, 0.3640, 0.3477



88.8661, 0.2726, 0.3300



88.8661, 0.3330, 0.3058

Square

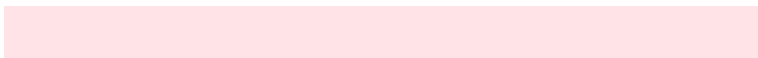
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



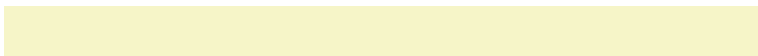
88.8661, 0.2726, 0.3300



88.8661, 0.2832, 0.2860



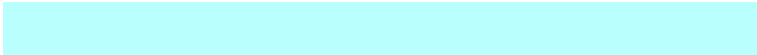
88.8661, 0.3543, 0.3260



88.8661, 0.3417, 0.3747

Rectangle

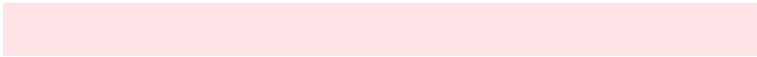
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8661, 0.2726, 0.3300



88.8661, 0.2652, 0.2955



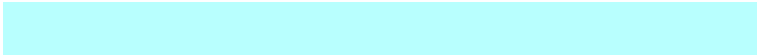
88.8661, 0.3543, 0.3260



88.8661, 0.3624, 0.3604

Sweetspot

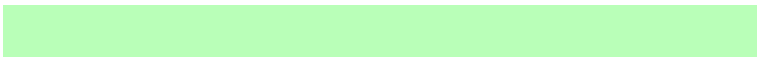
The Sweet Spot groups the original color and five complimentary colors.



88.8622, 0.2726, 0.3300



96.3150, 0.3005, 0.3293



85.3159, 0.3096, 0.4098



20.4766, 0.2982, 0.3293



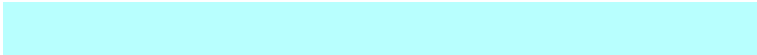
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



88.8622, 0.2726, 0.3300



87.3021, 0.2662, 0.3302



68.9517, 0.2682, 0.2908



20.4766, 0.2982, 0.3293



41.0212, 0.2259, 0.3332



3.9955, 0.2257, 0.3326

Inverse Universe

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



59.0400, 0.3731, 0.3281



53.3108, 0.3889, 0.3279



75.0243, 0.3644, 0.3643



17.9914, 0.3292, 0.3287



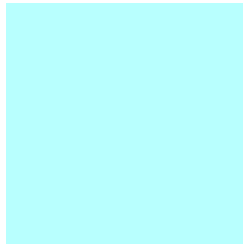
11.1149, 0.6386, 0.3292



1.0837, 0.6350, 0.3272

Previews

White Background



This preview shows how the Yxy color 88.8661, 0.2726, 0.3300 looks on a white background.

Color Contrast Check

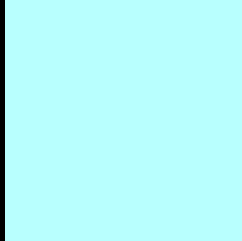
Large Text (above 18pt) WCAG AA × Fail

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 88.8661, 0.2726, 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

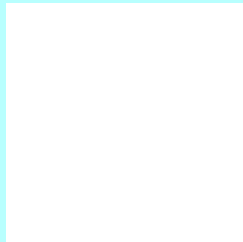
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8661, 0.2726, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 88.8661, 0.2726, 0.3300.

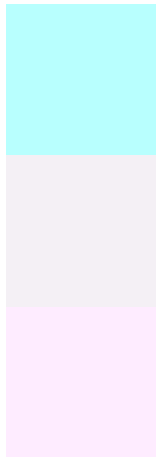


This preview shows how white text looks on a background with the Yxy color 88.8661, 0.2726, 0.3300.

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

88.8661, 0.2726, 0.3300

Protanopia

88.1458, 0.3123, 0.3240

Deuteranopia

88.2817, 0.3129, 0.3107



Tritanopia

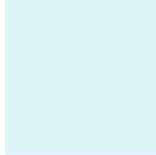
88.5037, 0.2920, 0.3198

Trichromacy



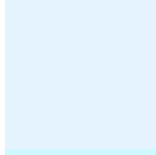
Original Color

88.8661, 0.2726, 0.3300



Protanomaly

87.6117, 0.2965, 0.3259



Deuteranomaly

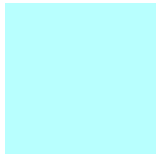
87.9792, 0.2968, 0.3169



Tritanomaly

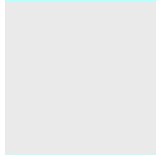
88.3813, 0.2846, 0.3227

Monochromacy



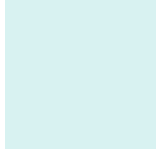
Original Color

88.8661, 0.2726, 0.3300



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.4541, 0.2968, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8661, 0.2726, 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(184, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 254)  
}
```

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(184, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 254) }
```

Border

The CSS property to change the border of an element to Yxy 88.8661, 0.2726, 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(184, 255, 254) }
```

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

```
.border{ border-color:rgb(184, 255, 254) }
```

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

Here you see how a box with a 4 pixel rgb(184, 255, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8661, 0.2726, 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(184, 255, 254) }
```

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

```
.background{ background-color: rgb(184,  
255, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor