

Converting Colors

$Yxy(88.3343, 0.2887, 0.3560)$

Have a look what the booklet for
Yxy(88.3343, 0.2887, 0.3560)
contains.

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Color

Yxy(88.3095, 0.2884, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	BFFFE6
RGB	191, 255, 230
RGB Percent	75%, 100%, 90%
CMY	0.2512, 0.0000, 0.0979
CMYK	0.25, 0.00, 0.10, 0.00
HSL	157°, 100%, 87%
HSV	157°, 25%, 100%
XYZ	71.5205, 88.3095, 88.1607
YIQ	233.0140, -30.1190, -21.3430

Conversions

Conversions Part 2

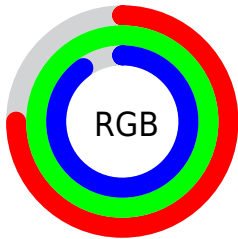
Format	Color
RYB	191, 231, 255
Decimal	12582886
CIELab	95.29, -24.92, 5.47
CIELCh	95, 25.517, 167.618
Yxy	88.3095, 0.2884, 0.3561
Android (android.graphics.Color)	4290772966 (0xFFBFFFE6)
YUV	233.0140, -1.4859, -36.8463
Hunter-Lab	93.9731, -28.6012, 10.1584

Details

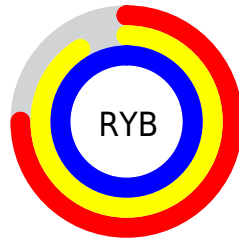
The Yxy color **88.3095, 0.2884, 0.3561** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.4487, 0.3456, 0.3035**, and the grayscale version is **81.5128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **48.7176, 0.2826, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **84.7388, 0.2798, 0.3688**, and if you desaturate by 10%, it is **92.4756, 0.2977, 0.3445**.

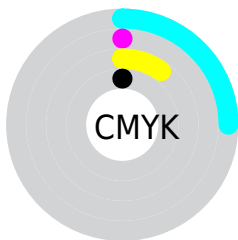
Distribution



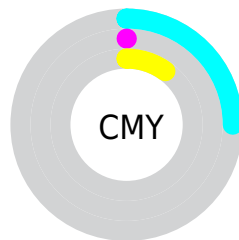
- Red (75%)
- Green (100%)
- Blue (90%)



- Red (75%)
- Yellow (91%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (25%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3095, 0.2884, 0.3561 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 88.3095, 0.2884, 0.3561 by changing the saturation by 10% instead.

 88.3095, 0.2884,
0.3561

 88.3095, 0.2884,
0.3561


522.5162, 0.2994,
0.3438

 66.5794, 0.2860,
0.3589


 144.9880, 0.2922,
0.3519

 48.7429, 0.2830,
0.3623


180.7051, 0.2936,
0.3502

 34.4156, 0.2792,
0.3666

221.8535, 0.2949,
0.3488

 23.2130, 0.2744,
0.3721

268.8174, 0.2960,
0.3475

 14.7509, 0.2680,
0.3796

321.9812, 0.2970,
0.3464

 8.6447, 0.2590,
0.3902

381.7293, 0.2979,

 4.5102, 0.2456,

0.3454

0.4063

448.4462, 0.2987,
0.3445

■ 1.9629, 0.2234,
0.4339

■ 0.5858, 0.0000,
0.6965

■ 88.3095, 0.2884,
0.3561

■ 88.3095, 0.2884,
0.3561

■ 84.7388, 0.2798,
0.3688

■ 92.4756, 0.2977,
0.3445


■ 81.7511, 0.2724,
0.3825


■ 97.2831, 0.3076,
0.3340


■ 79.3072, 0.2663,
0.3969


100.0000, 0.3127,
0.3290

■ 77.3707, 0.2620,
0.4120

 75.9003, 0.2596,
0.4274

 74.8483, 0.2594,
0.4427

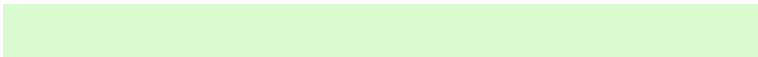
 74.1555, 0.2611,
0.4577

 73.9071, 0.2625,
0.4649

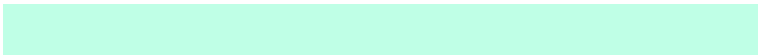
Harmonies

Analogous

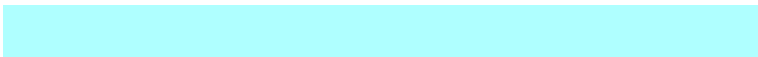
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3095, 0.3163, 0.3753



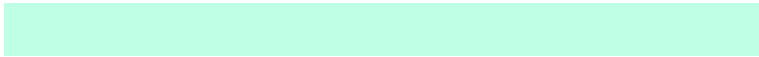
88.3095, 0.2884, 0.3561



88.3095, 0.2676, 0.3291

Triad

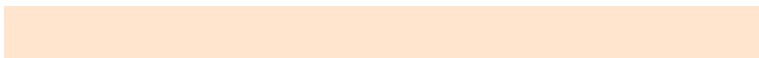
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3095, 0.2884, 0.3561



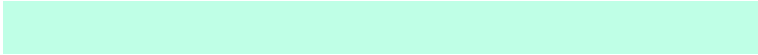
88.3095, 0.2805, 0.2813



88.3095, 0.3700, 0.3503

Complementary

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



88.3095, 0.2884, 0.3561



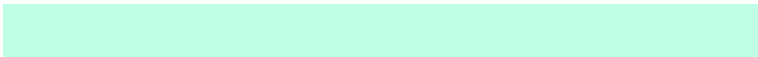
63.4487, 0.3456, 0.3035

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.



88.3095, 0.3597, 0.3263



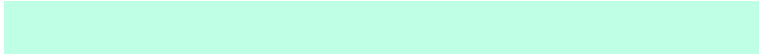
88.3095, 0.2884, 0.3561



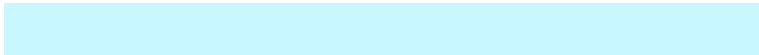
88.3095, 0.3070, 0.2877

Square

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



88.3095, 0.2884, 0.3561



88.3095, 0.2632, 0.2866



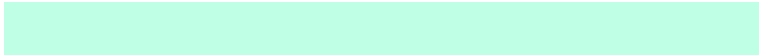
88.3095, 0.3362, 0.3038



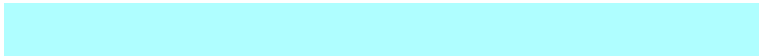
88.3095, 0.3641, 0.3703

Rectangle

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



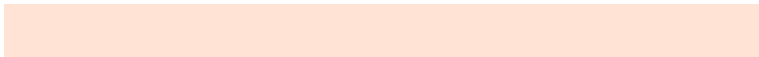
88.3095, 0.2884, 0.3561



88.3095, 0.2601, 0.3114



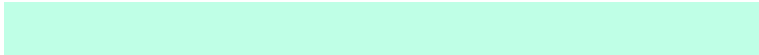
88.3095, 0.3362, 0.3038



88.3095, 0.3684, 0.3424

Sweetspot

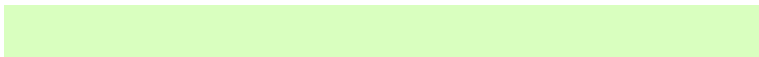
The Sweet Spot groups the original color and five complimentary colors.



88.3036, 0.2884, 0.3561



95.8326, 0.3047, 0.3369



89.9640, 0.3254, 0.3975



20.3545, 0.3032, 0.3384



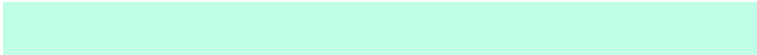
0.0000, 0.0000, 0.0000



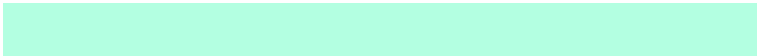
21.4041, 0.3127, 0.3290

Same Dimension

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



88.3036, 0.2884, 0.3561



86.4905, 0.2841, 0.3622



85.7893, 0.2751, 0.3221



20.3545, 0.3032, 0.3384



38.6482, 0.2618, 0.4624



3.7845, 0.2571, 0.4455

Inverse Universe

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



63.4487, 0.3456, 0.3035



57.8698, 0.3541, 0.2983



65.1089, 0.3646, 0.3358



18.1043, 0.3233, 0.3198



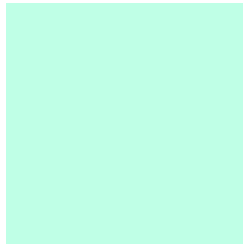
11.6106, 0.5426, 0.2763



1.1512, 0.5121, 0.2595

Previews

White Background



This preview shows how the Yxy color 88.3095, 0.2884, 0.3561 looks on a white background.

Color Contrast Check

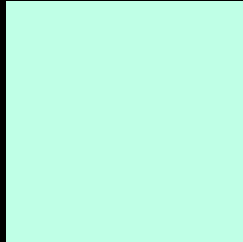
Large Text (above 18pt) WCAG AA × Fail

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 88.3095, 0.2884, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

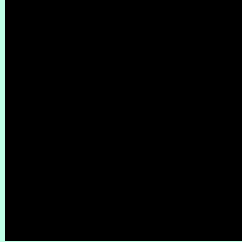
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

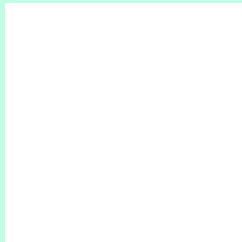
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3095, 0.2884, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 88.3095, 0.2884, 0.3561.

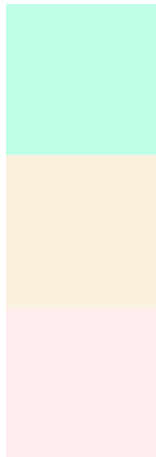


This preview shows how white text looks on a background with the Yxy color 88.3095, 0.2884, 0.3561.

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

88.3095, 0.2884, 0.3561

Protanopia

87.7338, 0.3300, 0.3471

Deuteranopia

87.3653, 0.3249, 0.3281



Tritanopia

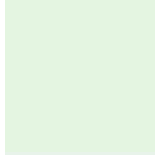
88.0544, 0.2926, 0.3188

Trichromacy



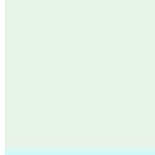
Original Color

88.3095, 0.2884, 0.3561



Protanomaly

87.2350, 0.3137, 0.3497



Deuteranomaly

87.1975, 0.3110, 0.3382



Tritanomaly

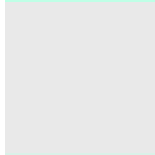
88.2541, 0.2911, 0.3321

Monochromacy



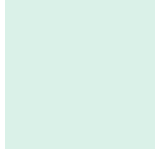
Original Color

88.3095, 0.2884, 0.3561



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6422, 0.3032, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3095, 0.2884, 0.3561 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(191, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 230)  
}
```

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(191, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 230) }
```

Border

The CSS property to change the border of an element to Yxy 88.3095, 0.2884, 0.3561 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(191, 255, 230) }
```

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

```
.border{ border-color:rgb(191, 255, 230) }
```

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

Here you see how a box with a 4 pixel rgb(191, 255, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3095, 0.2884, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 230) }
```

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

```
.background{ background-color: rgb(191,  
255, 230) }
```

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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