

Converting Colors

$Y_{xy}(88.1102, 0.2926, 0.3374)$

Have a look what the booklet for
Yxy(88.1102, 0.2926, 0.3374)
contains.

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Color

Yxy(88.3373, 0.2922, 0.3373)

Conversions

Conversions Part 1	
Format	Color
Hex	D1FAF2
RGB	209, 250, 242
RGB Percent	82%, 98%, 95%
CMY	0.1801, 0.0197, 0.0509
CMYK	0.16, 0.00, 0.03, 0.02
HSL	168°, 80%, 90%
HSV	168°, 16%, 98%
XYZ	76.5258, 88.3373, 97.0322
YIQ	236.8290, -21.8680, -11.1800

Conversions

Conversions Part 2

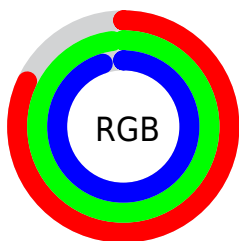
Format	Color
RYB	209, 232, 250
Decimal	13761266
CIELab	95.30, -14.60, -0.56
CIELCh	95, 14.614, 182.205
Yxy	88.3373, 0.2922, 0.3373
Android (android.graphics.Color)	4291951346 (0xFFD1FAF2)
YUV	236.8290, 2.5493, -24.4060
Hunter-Lab	93.9879, -19.1426, 4.5811

Details

The Yxy color $88.3373, 0.2922, 0.3373$ is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be $70.9758, 0.3380, 0.3209$, and the grayscale version is $84.5560, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $48.5551, 0.2876, 0.3384$ is the 20% darker color. If you saturate the color by 10%, you get $84.6855, 0.2806, 0.3430$, and if you desaturate by 10%, it is $92.5765, 0.3046, 0.3321$.

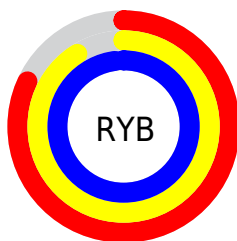
Distribution



Red (82%)

Green (98%)

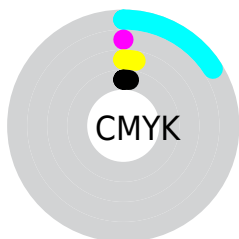
Blue (95%)



Red (82%)

Yellow (91%)

Blue (98%)

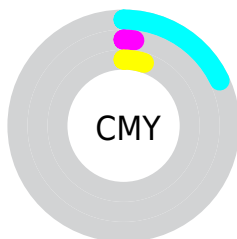


Cyan (16%)

Magenta (0%)

Yellow (3%)

Black (2%)



Cyan (18%)


Magenta (2%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.3373, 0.2922, 0.3373 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 88.3373, 0.2922, 0.3373 by changing the saturation by 10% instead.


 88.3373, 0.2922,
0.3373

 88.3373, 0.2922,
0.3373


522.6072, 0.3014,
0.3336

 66.6024, 0.2902,
0.3381

145.0267, 0.2953,
0.3361

 48.7616, 0.2877,
0.3391


180.7500, 0.2965,
0.3356

 34.4304, 0.2847,
0.3403


221.9049, 0.2976,
0.3351

 23.2245, 0.2808,
0.3419

268.8757, 0.2985,
0.3348

 14.7593, 0.2756,
0.3439

322.0470, 0.2994,
0.3344

 8.6507, 0.2685,
0.3467


381.8031, 0.3001,


 4.5140, 0.2580,


0.3341


0.3509


448.5284, 0.3008,
0.3339

 1.9651, 0.2410,
0.3575


 0.5871, 0.1373,
0.4002


 88.3373, 0.2922,
0.3373


 88.3373, 0.2922,
0.3373

 84.6855, 0.2806,
0.3430


 92.5765, 0.3046,
0.3321


 81.5833, 0.2701,
0.3492

 96.6346, 0.3148,
0.3273


 79.0056, 0.2609,
0.3557

 96.8417, 0.3129,
0.3242


 76.9211, 0.2534,
0.3625

 75.2949, 0.2477,
0.3696

 74.0877, 0.2440,
0.3768

 73.2534, 0.2422,
0.3839

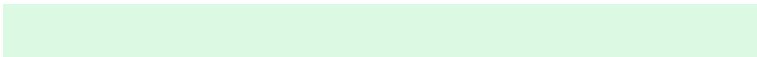
 72.7344, 0.2424,
0.3910

 72.5917, 0.2427,
0.3936

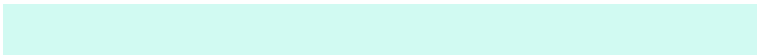
Harmonies

Analogous

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



88.3373, 0.3070, 0.3506



88.3373, 0.2922, 0.3373



88.3373, 0.2830, 0.3220

Triad

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



88.3373, 0.2922, 0.3373



88.3373, 0.3013, 0.3021



88.3373, 0.3449, 0.3478

Complementary

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



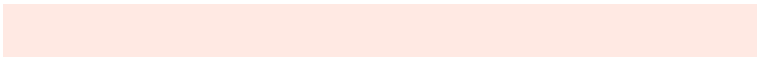
88.3373, 0.2922, 0.3373



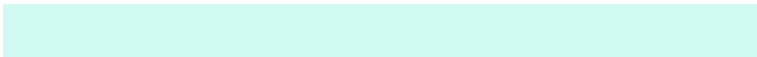
70.9758, 0.3380, 0.3209

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.



88.3373, 0.3434, 0.3347



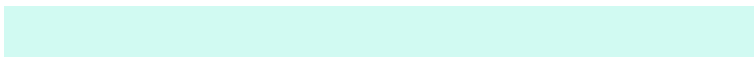
88.3373, 0.2922, 0.3373



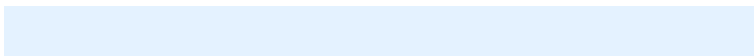
88.3373, 0.3179, 0.3088

Square

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



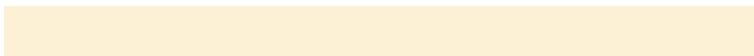
88.3373, 0.2922, 0.3373



88.3373, 0.2881, 0.3021



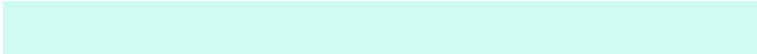
88.3373, 0.3334, 0.3206



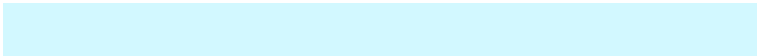
88.3373, 0.3376, 0.3564

Rectangle

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



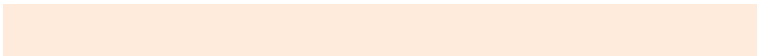
88.3373, 0.2922, 0.3373



88.3373, 0.2811, 0.3129



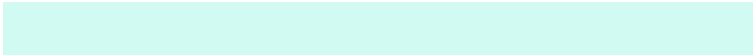
88.3373, 0.3334, 0.3206



88.3373, 0.3454, 0.3438

Sweetspot

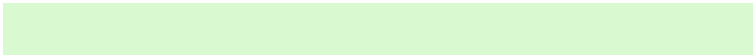
The Sweet Spot groups the original color and five complimentary colors.



88.3410, 0.2922, 0.3373



97.5025, 0.3063, 0.3314



87.7615, 0.3158, 0.3726



20.7972, 0.3054, 0.3317



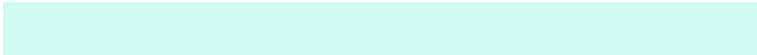
0.0000, 0.0000, 0.0000



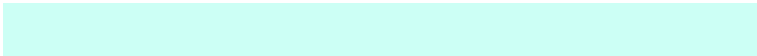
21.4041, 0.3127, 0.3290

Same Dimension

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



88.3410, 0.2922, 0.3373



90.9537, 0.2878, 0.3393



81.4516, 0.2873, 0.3160



19.5472, 0.3006, 0.3337



38.5310, 0.2423, 0.3924



3.5830, 0.2400, 0.3839

Inverse Universe

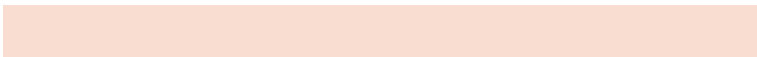
The Inverse Universe completely reimagines the original color for something new.



70.9758, 0.3380, 0.3209



69.2976, 0.3450, 0.3190



76.8289, 0.3419, 0.3417



17.2805, 0.3263, 0.3244



10.9126, 0.6091, 0.3129



1.0248, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 88.3373, 0.2922, 0.3373 looks on a white background.

Color Contrast Check

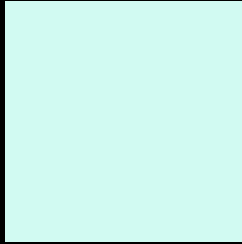
Large Text (above 18pt) WCAG AA × Fail

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 88.3373, 0.2922, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

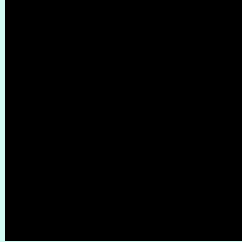
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

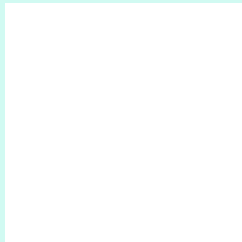
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3373, 0.2922, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 88.3373, 0.2922, 0.3373.

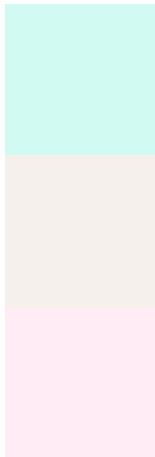


This preview shows how white text looks on a background with the Yxy color 88.3373, 0.2922, 0.3373.

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

88.3373, 0.2922, 0.3373

Protanopia

87.9691, 0.3191, 0.3330

Deuteranopia

87.7826, 0.3204, 0.3212




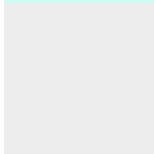
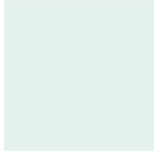
Tritanopia

88.2523, 0.2956, 0.3179

Trichromacy

	Original Color 88.3373, 0.2922, 0.3373
	Protanomaly 88.1981, 0.3092, 0.3351
	Deuteranomaly 87.5588, 0.3096, 0.3270
	Tritanomaly 88.0293, 0.2942, 0.3248

Monochromacy

	Original Color 88.3373, 0.2922, 0.3373
	Achromatopsia 84.6873, 0.3127, 0.3290
	Achromatomaly 86.0671, 0.3048, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3373, 0.2922, 0.3373 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(209, 250, 242) looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 242)  
}
```

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(209, 250, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 242) }
```

Border

The CSS property to change the border of an element to Yxy 88.3373, 0.2922, 0.3373 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(209, 250, 242) }
```

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

```
.border{ border-color:rgb(209, 250, 242) }
```

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

Here you see how a box with a 4 pixel rgb(209, 250, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 242);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3373, 0.2922, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 242) }
```

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

```
.background{ background-color: rgb(209,  
250, 242) }
```

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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