

Converting Colors

Yxy(84.9504, 0.2751, 0.3380)

Have a look what the booklet for
Yxy(84.9504, 0.2751, 0.3380)
contains.

Yxy(85.0491, 0.2750, 0.3377)	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(85.0491, 0.2750, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	B3FBF3
RGB	179, 251, 243
RGB Percent	70%, 98%, 95%
CMY	0.2981, 0.0156, 0.0471
CMYK	0.29, 0.00, 0.03, 0.02
HSL	173°, 90%, 84%
HSV	173°, 29%, 98%
XYZ	69.2582, 85.0491, 97.5408
YIQ	228.5600, -40.3440, -17.7520

Conversions

Conversions Part 2

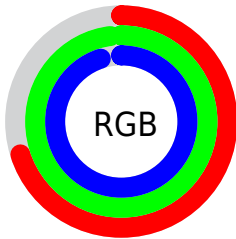
Format	Color
RYB	179, 217, 251
Decimal	11795443
CIELab	93.90, -23.79, -3.31
CIELCh	94, 24.022, 187.918
Yxy	85.0491, 0.2750, 0.3377
Android (android.graphics.Color)	4289985523 (0xFFB3FBF3)
YUV	228.5600, 7.1189, -43.4641
Hunter-Lab	92.2221, -27.3362, 1.8460

Details

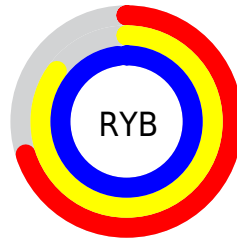
The Yxy color **85.0491, 0.2750, 0.3377** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.3316, 0.3693, 0.3206**, and the grayscale version is **77.9814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **46.4565, 0.2668, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **82.1615, 0.2639, 0.3412**, and if you desaturate by 10%, it is **88.4905, 0.2873, 0.3344**.

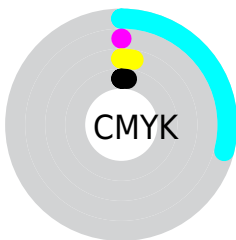
Distribution



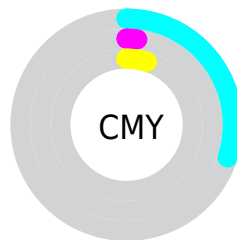
- Red (70%)
- Green (98%)
- Blue (95%)



- Red (70%)
- Yellow (85%)
- Blue (98%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)





- Cyan (30%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0491, 0.2750, 0.3377 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 85.0491, 0.2750, 0.3377 by changing the saturation by 10% instead.


 85.0491, 0.2750,
0.3377

 85.0491, 0.2750,
0.3377

511.7905, 0.2918,
0.3340

 63.8820, 0.2713,
0.3385


 140.4418, 0.2807,
0.3365

 46.5551, 0.2668,
0.3394


175.4361, 0.2830,
0.3360

 32.6841, 0.2612,
0.3406


215.8082, 0.2850,
0.3355

 21.8845, 0.2540,
0.3420

261.9426, 0.2867,
0.3351

 13.7721, 0.2446,
0.3439

314.2237, 0.2882,
0.3348

 7.9623, 0.2315,
0.3463


373.0357, 0.2895,


 4.0708, 0.2125,


0.3345


438.7632, 0.2908,
0.3342


0.3494


 1.7133, 0.1822,
0.3537

 0.4322, 0.0000,
0.3811

 85.0491, 0.2750,
0.3377


 85.0491, 0.2750,
0.3377


 82.1615, 0.2639,
0.3412


 88.4905, 0.2873,
0.3344


 79.7878, 0.2544,
0.3449

 92.5027, 0.3006,
0.3314

 77.8991, 0.2467,
0.3487

 97.1146, 0.3146,
0.3287

 76.4593, 0.2408,
0.3526

 97.4286, 0.3134,
0.3260

■ 75.4274, 0.2369,
0.3565

■ 97.4816, 0.3129,
0.3252

■ 74.7546, 0.2350,
0.3604

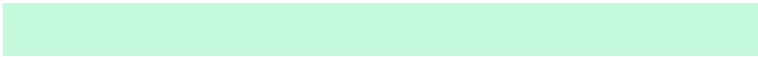
■ 74.3710, 0.2346,
0.3642

■ 74.3302, 0.2347,
0.3647

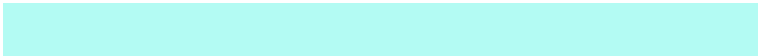
Harmonies

Analogous

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



85.0491, 0.2977, 0.3619



85.0491, 0.2750, 0.3377



85.0491, 0.2624, 0.3121

Triad

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



85.0491, 0.2750, 0.3377



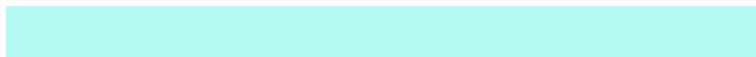
85.0491, 0.2985, 0.2864



85.0491, 0.3652, 0.3631

Complementary

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



85.0491, 0.2750, 0.3377



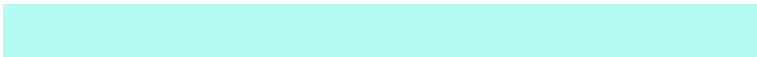
56.3316, 0.3693, 0.3206

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.



85.0491, 0.3658, 0.3421



85.0491, 0.2750, 0.3377



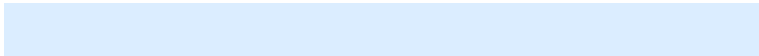
85.0491, 0.3263, 0.2991

Square

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



85.0491, 0.2750, 0.3377



85.0491, 0.2755, 0.2838



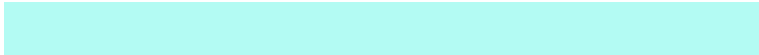
85.0491, 0.3513, 0.3191



85.0491, 0.3501, 0.3761

Rectangle

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



85.0491, 0.2750, 0.3377



85.0491, 0.2611, 0.2981



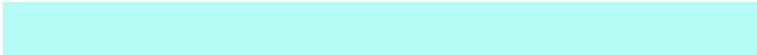
85.0491, 0.3513, 0.3191



85.0491, 0.3671, 0.3567

Sweetspot

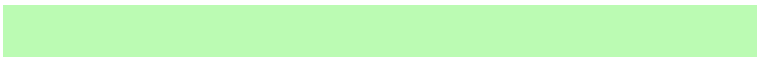
The Sweet Spot groups the original color and five complimentary colors.



85.0525, 0.2750, 0.3377



95.7404, 0.3002, 0.3315



82.8686, 0.3139, 0.4115



20.3552, 0.2982, 0.3319



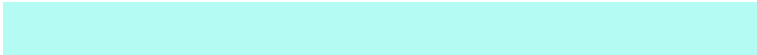
0.0000, 0.0000, 0.0000



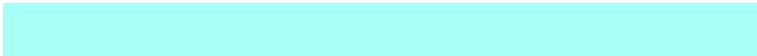
21.4041, 0.3127, 0.3290

Same Dimension

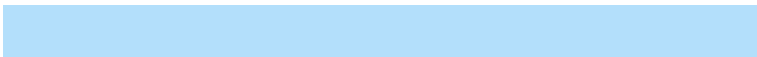
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0525, 0.2750, 0.3377



86.4906, 0.2689, 0.3395



69.5359, 0.2677, 0.2979



19.5733, 0.2995, 0.3316



39.0805, 0.2345, 0.3641



3.6288, 0.2332, 0.3594

Inverse Universe

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



56.3316, 0.3693, 0.3206



52.5893, 0.3842, 0.3190



68.1932, 0.3683, 0.3581



17.2567, 0.3276, 0.3264



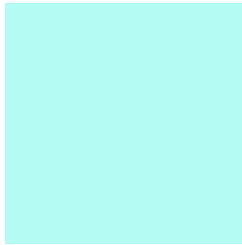
10.8348, 0.6269, 0.3227



1.0134, 0.6028, 0.3094

Previews

White Background



This preview shows how the Yxy color 85.0491, 0.2750, 0.3377 looks on a white background.

Color Contrast Check

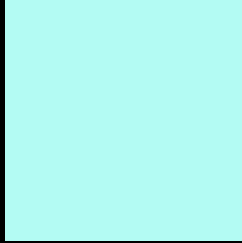
Large Text (above 18pt) WCAG AA × Fail

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 85.0491, 0.2750, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

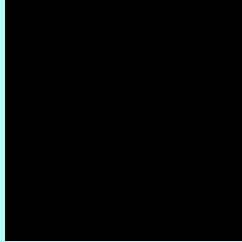
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.0491, 0.2750, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 85.0491, 0.2750, 0.3377.

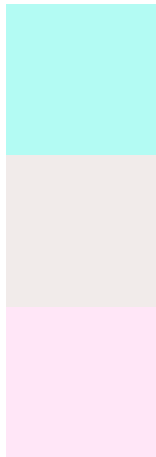


This preview shows how white text looks on a background with the Yxy color 85.0491, 0.2750, 0.3377.

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

85.0491, 0.2750, 0.3377

Protanopia

84.0579, 0.3174, 0.3300

Deuteranopia

84.5690, 0.3189, 0.3125



Tritanopia

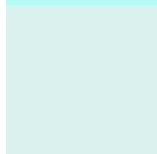
84.7311, 0.2842, 0.3164

Trichromacy



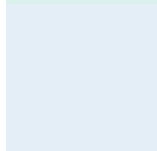
Original Color

85.0491, 0.2750, 0.3377



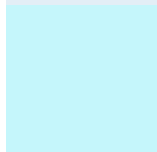
Protanomaly

83.9304, 0.3003, 0.3332



Deuteranomaly

84.1338, 0.3008, 0.3208



Tritanomaly

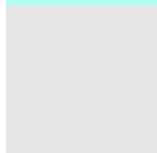
84.7469, 0.2802, 0.3236

Monochromacy



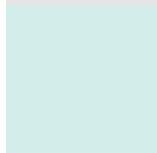
Original Color

85.0491, 0.2750, 0.3377



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

80.3578, 0.2976, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0491, 0.2750, 0.3377 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, 251, 243)` looks like.

```
.text, #text, p{  
    color:rgb(179, 251, 243)  
}
```

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, 251, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 251, 243) }
```

Border

The CSS property to change the border of an element to Yxy 85.0491, 0.2750, 0.3377 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, 251, 243) }
```

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

```
.border{ border-color:rgb(179, 251, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 251, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 251, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 251, 243);  
box-shadow:4px 4px 4px 4px rgb(179, 251,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0491, 0.2750, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 251, 243) }
```

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

```
.background{ background-color: rgb(179,  
251, 243) }
```

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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