

Converting Colors

$Yxy(88.3977, 0.2796, 0.3428)$

Have a look what the booklet for
Yxy(88.3977, 0.2796, 0.3428)
contains.

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Color

Yxy(88.3699, 0.2796, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFF2
RGB	186, 255, 242
RGB Percent	73%, 100%, 95%
CMY	0.2705, 0.0000, 0.0511
CMYK	0.27, 0.00, 0.05, 0.00
HSL	169°, 100%, 86%
HSV	169°, 27%, 100%
XYZ	72.0356, 88.3699, 97.2327
YIQ	232.8870, -36.9510, -18.6710

Conversions

Conversions Part 2

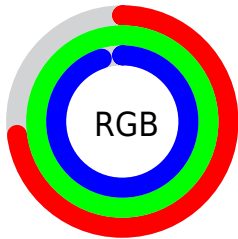
Format	Color
R_{YB}	186, 224, 255
Decimal	12255218
CIE _{Lab}	95.32, -23.94, -0.67
CIE _{LCh}	95, 23.953, 181.605
Yxy	88.3699, 0.2796, 0.3430
Android (android.graphics.Color)	4290445298 (0xFFBAFFF2)
YUV	232.8870, 4.4927, -41.1199
Hunter-Lab	94.0053, -27.7258, 4.4781

Details

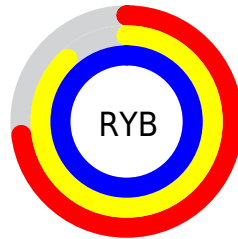
The Yxy color **88.3699, 0.2796, 0.3430** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.5144, 0.3605, 0.3156**, and the grayscale version is **81.3841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **48.7586, 0.2724, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **85.1704, 0.2691, 0.3490**, and if you desaturate by 10%, it is **92.1483, 0.2912, 0.3374**.

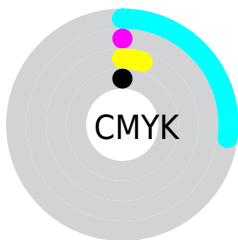
Distribution



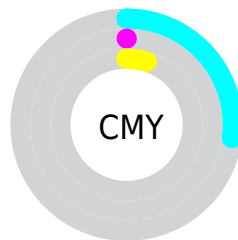
- Red (73%)
- Green (100%)
- Blue (95%)



- Red (73%)
- Yellow (88%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3699, 0.2796, 0.3430 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 88.3699, 0.2796, 0.3430 by changing the saturation by 10% instead.


 88.3699, 0.2796,
0.3430

 88.3699, 0.2796,
0.3430


522.7138, 0.2943,
0.3368

 66.6295, 0.2764,
0.3444

 145.0720, 0.2846,
0.3409

 48.7836, 0.2724,
0.3460


180.8025, 0.2866,
0.3401

 34.4478, 0.2675,
0.3480


221.9651, 0.2883,
0.3393

 23.2378, 0.2613,
0.3506

268.9442, 0.2898,
0.3387

 14.7692, 0.2531,
0.3540

322.1242, 0.2911,
0.3382

 8.6576, 0.2418,
0.3587

381.8896, 0.2923,

 4.5185, 0.2252,

0.3377

0.3655

448.6247, 0.2934,
0.3372

■ 1.9676, 0.1990,
0.3761

■ 0.5886, 0.0000,
0.4611

■ 88.3699, 0.2796,
0.3430

■ 88.3699, 0.2796,
0.3430

■ 85.1704, 0.2691,
0.3490

■ 92.1483, 0.2912,
0.3374


■ 82.5173, 0.2600,
0.3554


■ 96.5317, 0.3036,
0.3323

■ 80.3782, 0.2525,
0.3620


100.0000, 0.3127,
0.3290

■ 78.7164, 0.2469,
0.3688

 77.4899, 0.2433,
0.3758

 76.6498, 0.2417,
0.3827

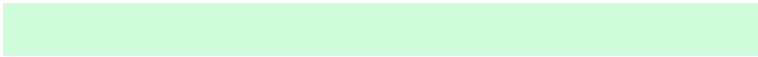
 76.1334, 0.2419,
0.3896

 76.0150, 0.2421,
0.3916

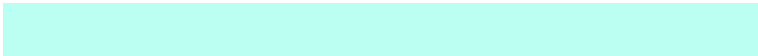
Harmonies

Analogous

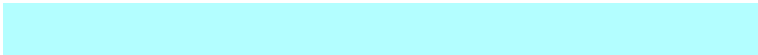
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3699, 0.3035, 0.3654



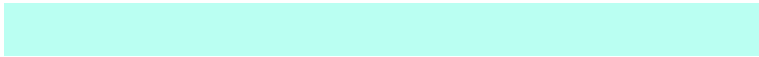
88.3699, 0.2796, 0.3430



88.3699, 0.2648, 0.3174

Triad

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



88.3699, 0.2796, 0.3430



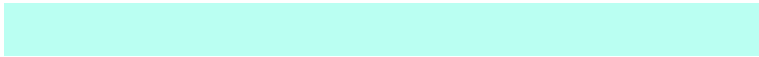
88.3699, 0.2933, 0.2856



88.3699, 0.3658, 0.3587

Complementary

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



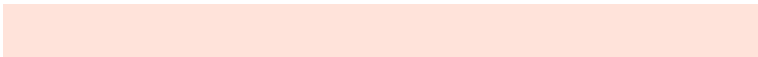
88.3699, 0.2796, 0.3430



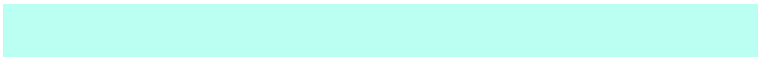
60.5144, 0.3605, 0.3156

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.



88.3699, 0.3631, 0.3372



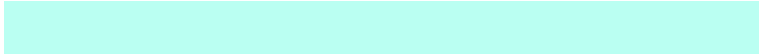
88.3699, 0.2796, 0.3430



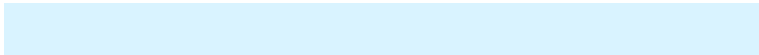
88.3699, 0.3203, 0.2962

Square

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



88.3699, 0.2796, 0.3430



88.3699, 0.2724, 0.2854



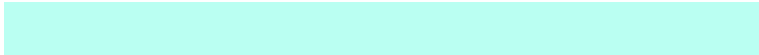
88.3699, 0.3462, 0.3147



88.3699, 0.3536, 0.3736

Rectangle

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



88.3699, 0.2796, 0.3430



88.3699, 0.2616, 0.3025



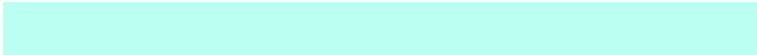
88.3699, 0.3462, 0.3147



88.3699, 0.3666, 0.3520

Sweetspot

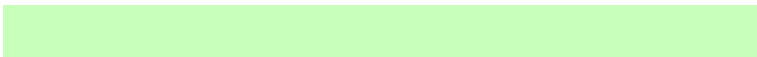
The Sweet Spot groups the original color and five complimentary colors.



88.3706, 0.2796, 0.3430



96.0883, 0.3024, 0.3328



87.3207, 0.3175, 0.4053



20.4191, 0.3005, 0.3335



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

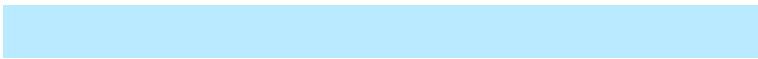
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3706, 0.2796, 0.3430



86.7159, 0.2742, 0.3459



76.6828, 0.2709, 0.3063



20.4191, 0.3005, 0.3335



39.7405, 0.2418, 0.3905



3.8839, 0.2396, 0.3826

Inverse Universe

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



60.5144, 0.3605, 0.3156



54.9673, 0.3726, 0.3130



69.2948, 0.3660, 0.3506



18.0432, 0.3264, 0.3245



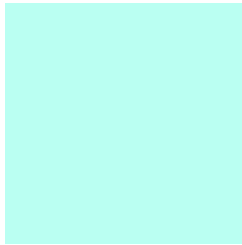
11.2371, 0.6108, 0.3138



1.1083, 0.5816, 0.2977

Previews

White Background



This preview shows how the Yxy color 88.3699, 0.2796, 0.3430 looks on a white background.

Color Contrast Check

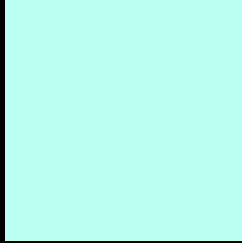
Large Text (above 18pt) WCAG AA × Fail

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 88.3699, 0.2796, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

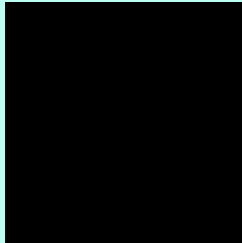
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

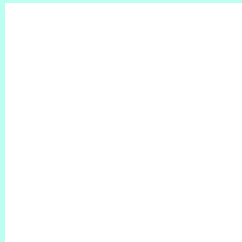
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3699, 0.2796, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 88.3699, 0.2796, 0.3430.

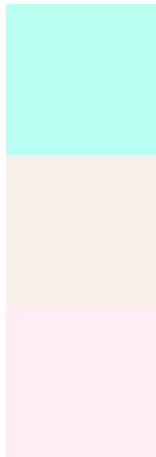


This preview shows how white text looks on a background with the Yxy color 88.3699, 0.2796, 0.3430.

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

88.3699, 0.2796, 0.3430

Protanopia

87.9775, 0.3217, 0.3360

Deuteranopia

87.8435, 0.3198, 0.3203



Tritanopia

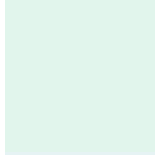
87.7405, 0.2914, 0.3187

Trichromacy



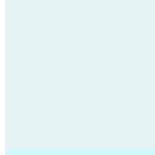
Original Color

88.3699, 0.2796, 0.3430



Protanomaly

87.3685, 0.3053, 0.3383



Deuteranomaly

87.4558, 0.3038, 0.3280



Tritanomaly

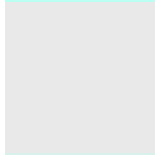
88.0634, 0.2872, 0.3279

Monochromacy



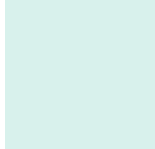
Original Color

88.3699, 0.2796, 0.3430



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.5657, 0.2996, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3699, 0.2796, 0.3430 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(186, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 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(186, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 242) }
```

Border

The CSS property to change the border of an element to Yxy 88.3699, 0.2796, 0.3430 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(186, 255, 242) }
```

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

```
.border{ border-color:rgb(186, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3699, 0.2796, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 242) }
```

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

```
.background{ background-color: rgb(186,  
255, 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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