

Converting Colors

$Y_{xy}(88.6230, 0.2754, 0.3270)$

Have a look what the booklet for
Yxy(88.6230, 0.2754, 0.3270)
contains.

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Color

Yxy(88.5469, 0.2755, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	BFFDFF
RGB	191, 253, 255
RGB Percent	75%, 99%, 100%
CMY	0.2512, 0.0078, 0.0000
CMYK	0.25, 0.01, 0.00, 0.00
HSL	182°, 100%, 87%
HSV	182°, 25%, 100%
XYZ	74.6471, 88.5469, 107.7574
YIQ	234.6900, -37.5940, -12.5220

Conversions

Conversions Part 2

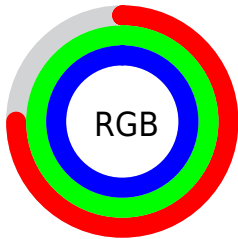
Format	Color
RYB	191, 222, 255
Decimal	12582399
CIELab	95.39, -18.82, -7.26
CIELCh	95, 20.171, 201.082
Yxy	88.5469, 0.2755, 0.3268
Android (android.graphics.Color)	4290772479 (0xFFBFFDFF)
YUV	234.6900, 10.0128, -38.3161
Hunter-Lab	94.0994, -23.0735, -2.0261

Details

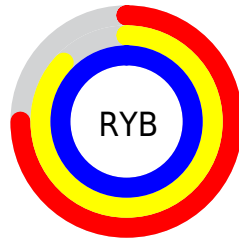
The Yxy color **88.5469, 0.2755, 0.3268** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.1162, 0.3657, 0.3312**, and the grayscale version is **82.7660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **48.7913, 0.2679, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **85.0338, 0.2626, 0.3258**, and if you desaturate by 10%, it is **92.6447, 0.2896, 0.3277**.

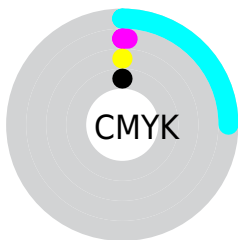
Distribution



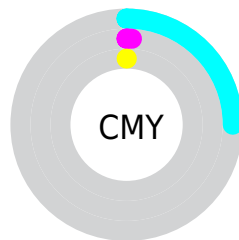
- Red (75%)
- Green (99%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5469, 0.2755, 0.3268 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 88.5469, 0.2755, 0.3268 by changing the saturation by 10% instead.


 88.5469, 0.2755,
0.3268

 88.5469, 0.2755,
0.3268


523.2926, 0.2919,
0.3280

 66.7761, 0.2719,
0.3265


 145.3183, 0.2811,
0.3273

 48.9027, 0.2676,
0.3261


181.0877, 0.2833,
0.3274

 34.5423, 0.2622,
0.3255


222.2921, 0.2852,
0.3276

 23.3105, 0.2554,
0.3247

269.3158, 0.2869,
0.3277

 14.8230, 0.2465,
0.3236

322.5434, 0.2883,
0.3278

 8.6952, 0.2344,
0.3219

382.3591, 0.2897,

 4.5429, 0.2169,

0.3279

0.3189

449.1473, 0.2909,
0.3280

1.9817, 0.1898,
0.3130

0.5968, 0.0575,
0.3183

88.5469, 0.2755,
0.3268

88.5469, 0.2755,
0.3268

85.0338, 0.2626,
0.3258

92.6447, 0.2896,
0.3277

82.0646, 0.2513,
0.3248

97.3440, 0.3047,
0.3286

79.6107, 0.2417,
0.3238

99.9996, 0.3127,
0.3290

77.6358, 0.2341,
0.3227

■ 76.0995, 0.2284,
0.3217

■ 74.9544, 0.2246,
0.3206

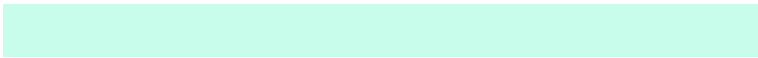
■ 74.1421, 0.2226,
0.3196

■ 73.8260, 0.2220,
0.3191

Harmonies

Analogous

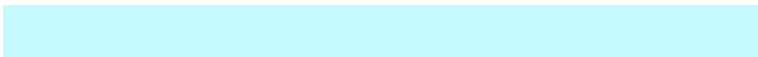
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5469, 0.2913, 0.3480



88.5469, 0.2755, 0.3268



88.5469, 0.2695, 0.3072

Triad

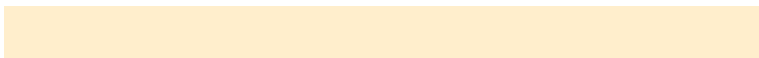
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5469, 0.2755, 0.3268



88.5469, 0.3110, 0.2971



88.5469, 0.3520, 0.3632

Complementary

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



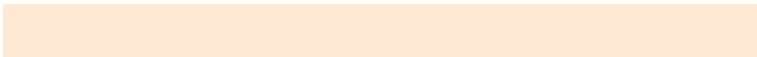
88.5469, 0.2755, 0.3268



63.1162, 0.3657, 0.3312

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.



88.5469, 0.3580, 0.3483



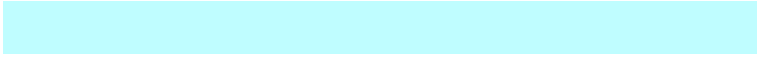
88.5469, 0.2755, 0.3268



88.5469, 0.3338, 0.3109

Square

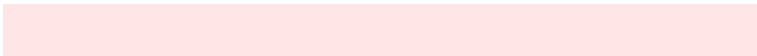
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5469, 0.2755, 0.3268



88.5469, 0.2894, 0.2911



88.5469, 0.3513, 0.3293



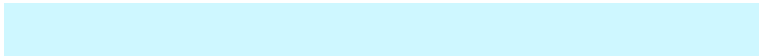
88.5469, 0.3354, 0.3694

Rectangle

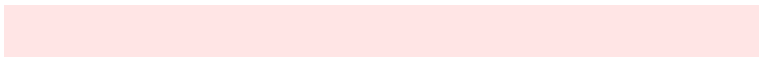
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



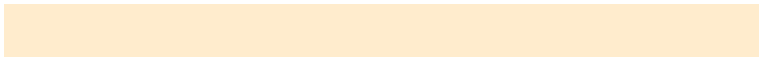
88.5469, 0.2755, 0.3268



88.5469, 0.2716, 0.2977



88.5469, 0.3513, 0.3293



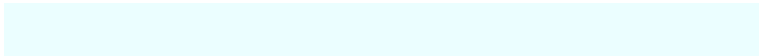
88.5469, 0.3554, 0.3590

Sweetspot

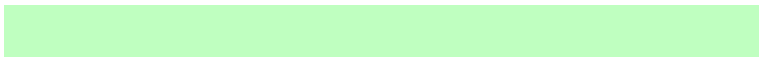
The Sweet Spot groups the original color and five complimentary colors.



88.5505, 0.2755, 0.3268



95.9339, 0.3003, 0.3283



86.3892, 0.3088, 0.3997



20.3798, 0.2980, 0.3282



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

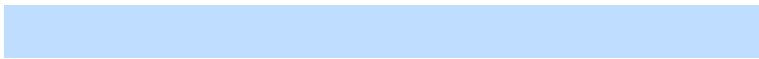
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5505, 0.2755, 0.3268



86.7700, 0.2690, 0.3263



70.4746, 0.2724, 0.2926



20.3798, 0.2980, 0.3282



38.6210, 0.2220, 0.3193



3.7894, 0.2224, 0.3205

Inverse Universe

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



65.5846, 0.3171, 0.2680



60.3693, 0.3180, 0.2562



78.3454, 0.3580, 0.3628



18.2901, 0.3143, 0.3063



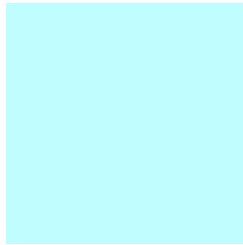
14.6268, 0.3288, 0.1585



1.4271, 0.3278, 0.1580

Previews

White Background



This preview shows how the Yxy color 88.5469, 0.2755, 0.3268 looks on a white background.

Color Contrast Check

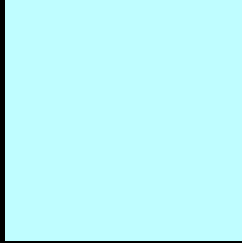
Large Text (above 18pt) WCAG AA × Fail

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 88.5469, 0.2755, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

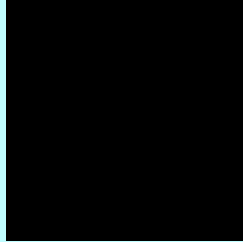
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.5469, 0.2755, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 88.5469, 0.2755, 0.3268.

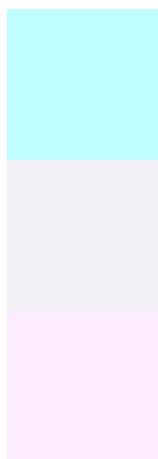


This preview shows how white text looks on a background with the Yxy color 88.5469, 0.2755, 0.3268.

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

88.5469, 0.2755, 0.3268

Protanopia

88.0903, 0.3104, 0.3221

Deuteranopia

88.0936, 0.3123, 0.3106



Tritanopia

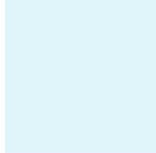
87.8970, 0.2920, 0.3188

Trichromacy



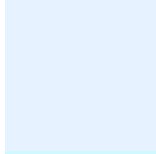
Original Color

88.5469, 0.2755, 0.3268



Protanomaly

88.0542, 0.2966, 0.3239



Deuteranomaly

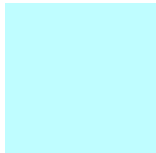
87.5473, 0.2974, 0.3159



Tritanomaly

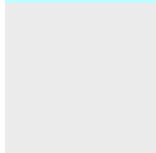
88.0564, 0.2857, 0.3217

Monochromacy



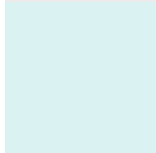
Original Color

88.5469, 0.2755, 0.3268



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.9751, 0.2981, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5469, 0.2755, 0.3268 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, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 253, 255)  
}
```

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, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 253, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.5469, 0.2755, 0.3268 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, 253, 255) }
```

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

```
.border{ border-color:rgb(191, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 253,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5469, 0.2755, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 253, 255) }
```

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

```
.background{ background-color: rgb(191,  
253, 255) }
```

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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