

Converting Colors

Yxy(88.9716, 0.2825, 0.3435)

Have a look what the booklet for
Yxy(88.9716, 0.2825, 0.3435)
contains.

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Color

Yxy(88.9472, 0.2828, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	BFFFF1
RGB	191, 255, 241
RGB Percent	75%, 100%, 95%
CMY	0.2509, 0.0000, 0.0551
CMYK	0.25, 0.00, 0.06, 0.00
HSL	167°, 100%, 87%
HSV	167°, 25%, 100%
XYZ	73.1229, 88.9472, 96.4974
YIQ	234.2680, -33.6500, -17.9220

Conversions

Conversions Part 2

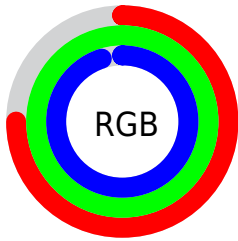
Format	Color
R _Y B	191, 227, 255
Decimal	12582897
CIE Lab	95.56, -22.70, 0.23
CIE LCh	96, 22.706, 179.413
Yxy	88.9472, 0.2828, 0.3440
Android (android.graphics.Color)	4290772977 (0xFFBFFF1)
YUV	234.2680, 3.3189, -37.9460
Hunter-Lab	94.3118, -26.6491, 5.3543

Details

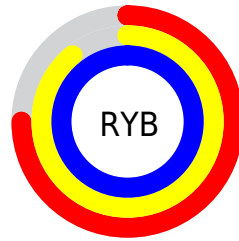
The Yxy color **88.9472, 0.2828, 0.3440** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.9468, 0.3544, 0.3146**, and the grayscale version is **82.4894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **49.1252, 0.2763, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **85.5953, 0.2724, 0.3509**, and if you desaturate by 10%, it is **92.8879, 0.2942, 0.3376**.

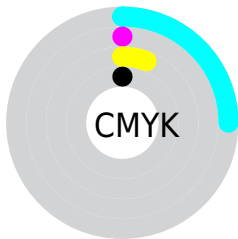
Distribution



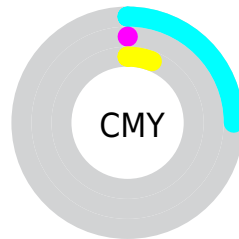
- Red (75%)
- Green (100%)
- Blue (95%)



- Red (75%)
- Yellow (89%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9472, 0.2828, 0.3440 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 88.9472, 0.2828, 0.3440 by changing the saturation by 10% instead.

 88.9472, 0.2828,
0.3440

 88.9472, 0.2828,
0.3440


524.6002, 0.2961,
0.3373

 67.1078, 0.2799,
0.3455


 145.8751, 0.2873,
0.3417

 49.1722, 0.2763,
0.3473

181.7325, 0.2891,
0.3408

 34.7561, 0.2719,
0.3495


223.0312, 0.2907,
0.3401

 23.4751, 0.2662,
0.3523

270.1558, 0.2920,
0.3394

 14.9447, 0.2588,
0.3561

323.4906, 0.2932,
0.3388

 8.7806, 0.2485,
0.3612

383.4200, 0.2943,

 4.5983, 0.2335,

0.3382

0.3688

450.3284, 0.2953,
0.3378

■ 2.0136, 0.2094,
0.3810

■ 0.6153, 0.0236,
0.4735

■ 88.9472, 0.2828,
0.3440

■ 88.9472, 0.2828,
0.3440

■ 85.5953, 0.2724,
0.3509

■ 92.8879, 0.2942,
0.3376


■ 82.7978, 0.2632,
0.3583


■ 97.4408, 0.3064,
0.3318

■ 80.5236, 0.2557,
0.3660

100.0000, 0.3127,
0.3290

■ 78.7368, 0.2499,
0.3741

 77.3965, 0.2462,
0.3822

 76.4555, 0.2444,
0.3904

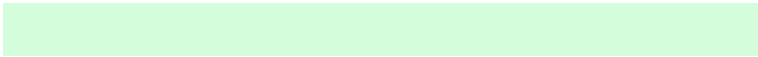
 75.8552, 0.2446,
0.3986

 75.6442, 0.2451,
0.4025

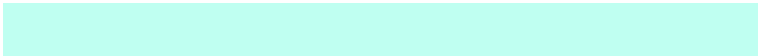
Harmonies

Analogous

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



88.9472, 0.3059, 0.3645



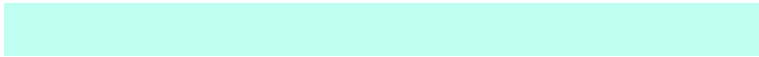
88.9472, 0.2828, 0.3440



88.9472, 0.2679, 0.3198

Triad

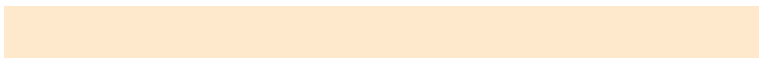
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9472, 0.2828, 0.3440



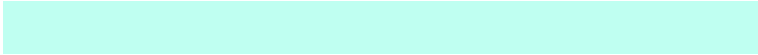
88.9472, 0.2927, 0.2875



88.9472, 0.3632, 0.3559

Complementary

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



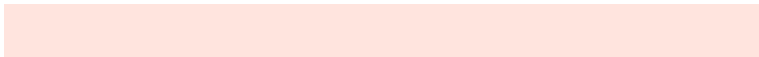
88.9472, 0.2828, 0.3440



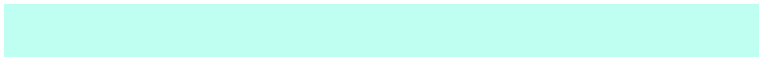
62.9468, 0.3544, 0.3146

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.



88.9472, 0.3596, 0.3352



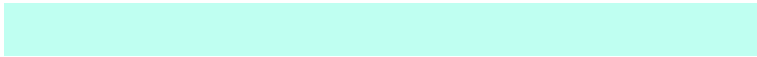
88.9472, 0.2828, 0.3440



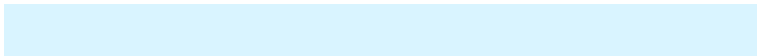
88.9472, 0.3180, 0.2969

Square

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



88.9472, 0.2828, 0.3440



88.9472, 0.2734, 0.2881



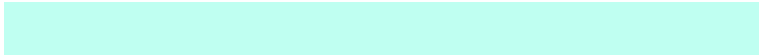
88.9472, 0.3428, 0.3140



88.9472, 0.3527, 0.3705

Rectangle

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



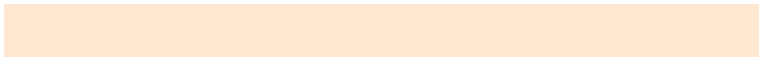
88.9472, 0.2828, 0.3440



88.9472, 0.2643, 0.3054



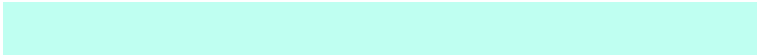
88.9472, 0.3428, 0.3140



88.9472, 0.3636, 0.3494

Sweetspot

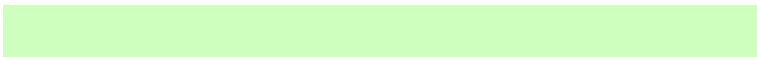
The Sweet Spot groups the original color and five complimentary colors.



88.9487, 0.2828, 0.3440



96.0490, 0.3028, 0.3334



88.3987, 0.3186, 0.3988



20.4092, 0.3009, 0.3343



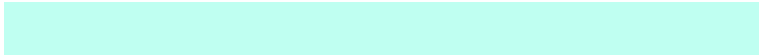
0.0000, 0.0000, 0.0000



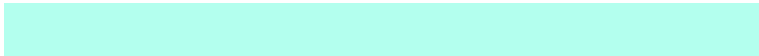
21.4041, 0.3127, 0.3290

Same Dimension

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



88.9487, 0.2828, 0.3440



87.2293, 0.2775, 0.3473



79.4156, 0.2741, 0.3105



20.4092, 0.3009, 0.3343



39.5490, 0.2448, 0.4012



3.8668, 0.2422, 0.3919

Inverse Universe

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



62.9468, 0.3544, 0.3146



57.2537, 0.3655, 0.3116



70.1785, 0.3618, 0.3467



18.0524, 0.3260, 0.3238



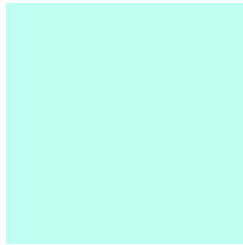
11.2759, 0.6026, 0.3093



1.1133, 0.5721, 0.2925

Previews

White Background



This preview shows how the Yxy color 88.9472, 0.2828, 0.3440 looks on a white background.

Color Contrast Check

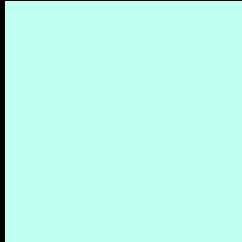
Large Text (above 18pt) WCAG AA × Fail

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 88.9472, 0.2828, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

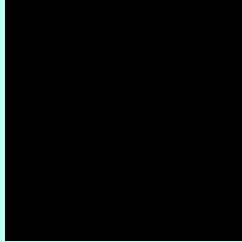
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.9472, 0.2828, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 88.9472, 0.2828, 0.3440.

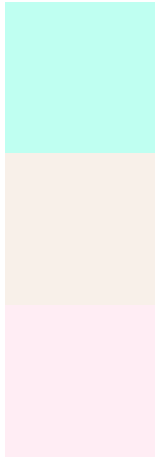


This preview shows how white text looks on a background with the Yxy color 88.9472, 0.2828, 0.3440.

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

88.9472, 0.2828, 0.3440

Protanopia

88.1598, 0.3223, 0.3360

Deuteranopia

88.3600, 0.3204, 0.3222



Tritanopia

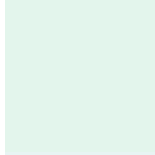
88.8195, 0.2932, 0.3198

Trichromacy



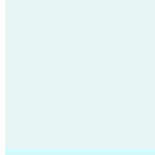
Original Color

88.9472, 0.2828, 0.3440



Protanomaly

87.6918, 0.3065, 0.3382



Deuteranomaly

88.3282, 0.3056, 0.3300



Tritanomaly

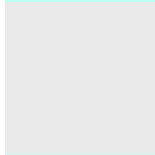
88.5024, 0.2890, 0.3279

Monochromacy



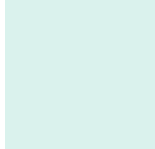
Original Color

88.9472, 0.2828, 0.3440



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.5241, 0.3003, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9472, 0.2828, 0.3440 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 241) }
```

Border

The CSS property to change the border of an element to Yxy 88.9472, 0.2828, 0.3440 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, 241) }
```

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

```
.border{ border-color:rgb(191, 255, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9472, 0.2828, 0.3440 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, 241) }
```

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

```
.background{ background-color: rgb(191,  
255, 241) }
```

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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