

Converting Colors

$Yxy(88.3670, 0.2856, 0.3516)$

Have a look what the booklet for
Yxy(88.3670, 0.2856, 0.3516)
contains.

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Color

Yxy(88.4077, 0.2858, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	BEFFEA
RGB	190, 255, 234
RGB Percent	75%, 100%, 92%
CMY	0.2550, 0.0000, 0.0823
CMYK	0.25, 0.00, 0.08, 0.00
HSL	161°, 100%, 87%
HSV	161°, 25%, 100%
XYZ	71.8423, 88.4077, 91.1225
YIQ	233.1710, -31.9990, -20.3110

Conversions

Conversions Part 2

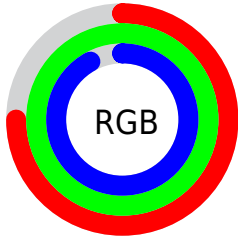
Format	Color
RYB	190, 229, 255
Decimal	12517354
CIELab	95.33, -24.42, 3.48
CIELCh	95, 24.667, 171.894
Yxy	88.4077, 0.2858, 0.3517
Android (android.graphics.Color)	4290707434 (0xFFBEFFEA)
YUV	233.1710, 0.4087, -37.8610
Hunter-Lab	94.0254, -28.1573, 8.3582

Details

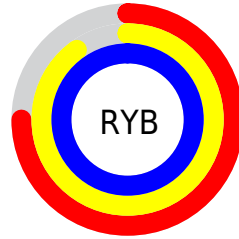
The Yxy color **88.4077, 0.2858, 0.3517** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.7788, 0.3498, 0.3075**, and the grayscale version is **81.6302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **48.7534, 0.2800, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **84.9419, 0.2765, 0.3621**, and if you desaturate by 10%, it is **92.4646, 0.2959, 0.3421**.

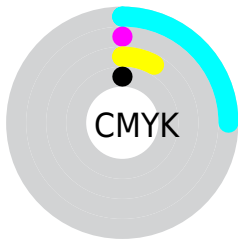
Distribution



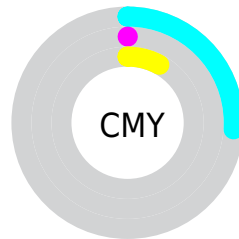
- Red (75%)
- Green (100%)
- Blue (92%)



- Red (75%)
- Yellow (90%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)




- Cyan (26%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4077, 0.2858, 0.3517 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 88.4077, 0.2858, 0.3517 by changing the saturation by 10% instead.

 88.4077, 0.2858,
0.3517

 88.4077, 0.2858,
0.3517


522.8374, 0.2979,
0.3414

 66.6608, 0.2831,
0.3540


 145.1246, 0.2899,
0.3482

 48.8090, 0.2799,
0.3568


180.8634, 0.2915,
0.3468

 34.4680, 0.2758,
0.3603

222.0349, 0.2930,
0.3456

 23.2533, 0.2706,
0.3649

269.0236, 0.2942,
0.3446

 14.7807, 0.2636,
0.3710

322.2138, 0.2953,
0.3436

 8.6656, 0.2540,
0.3796

381.9899, 0.2962,

 4.5237, 0.2397,

0.3428

0.3925

448.7363, 0.2971,
0.3421

1.9706, 0.2164,
0.4142

0.5903, 0.0000,
0.5963

88.4077, 0.2858,
0.3517

88.4077, 0.2858,
0.3517

84.9419, 0.2765,
0.3621

92.4646, 0.2959,
0.3421


82.0448, 0.2684,
0.3733


97.1486, 0.3067,
0.3334


79.6810, 0.2619,
0.3851

100.0000, 0.3127,
0.3290

77.8140, 0.2570,
0.3974

 76.4027, 0.2542,
0.4099

 75.3990, 0.2535,
0.4224

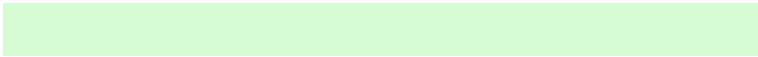
 74.7438, 0.2547,
0.4348

 74.5242, 0.2556,
0.4403

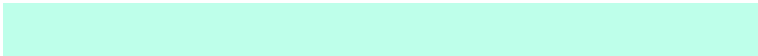
Harmonies

Analogous

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



88.4077, 0.3122, 0.3718



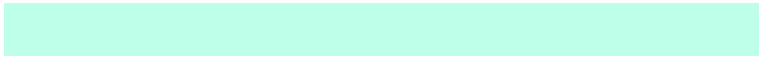
88.4077, 0.2858, 0.3517



88.4077, 0.2670, 0.3253

Triad

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



88.4077, 0.2858, 0.3517



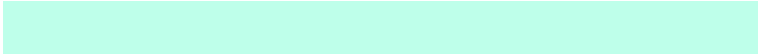
88.4077, 0.2848, 0.2831



88.4077, 0.3682, 0.3528

Complementary

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



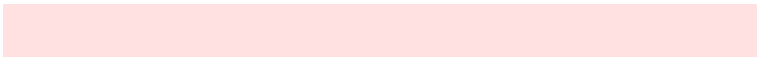
88.4077, 0.2858, 0.3517



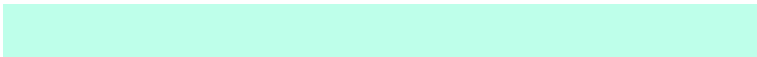
62.7788, 0.3498, 0.3075

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.



88.4077, 0.3604, 0.3297



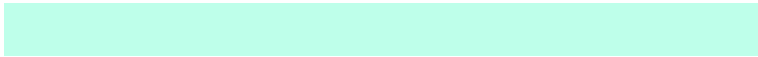
88.4077, 0.2858, 0.3517



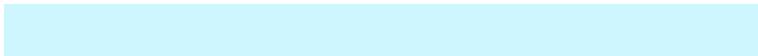
88.4077, 0.3112, 0.2907

Square

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



88.4077, 0.2858, 0.3517



88.4077, 0.2665, 0.2866



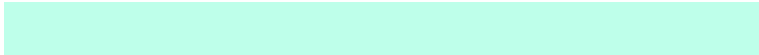
88.4077, 0.3392, 0.3075



88.4077, 0.3604, 0.3710

Rectangle

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



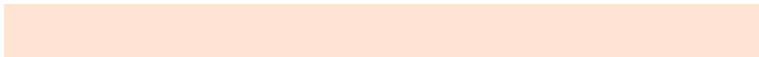
88.4077, 0.2858, 0.3517



88.4077, 0.2610, 0.3087



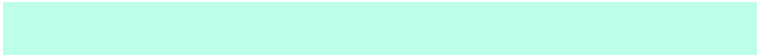
88.4077, 0.3392, 0.3075



88.4077, 0.3674, 0.3453

Sweetspot

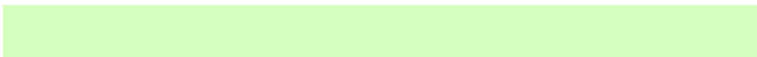
The Sweet Spot groups the original color and five complimentary colors.



88.4051, 0.2858, 0.3517



95.9171, 0.3039, 0.3355



89.1820, 0.3228, 0.3992



20.3758, 0.3023, 0.3368



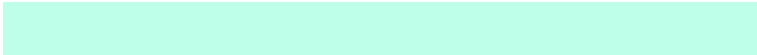
0.0000, 0.0000, 0.0000



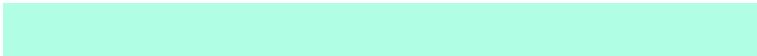
21.4041, 0.3127, 0.3290

Same Dimension

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



88.4051, 0.2858, 0.3517



86.4281, 0.2806, 0.3573



82.9637, 0.2741, 0.3173



20.3758, 0.3023, 0.3368



38.9690, 0.2551, 0.4382



3.8143, 0.2512, 0.4242

Inverse Universe

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



62.7788, 0.3498, 0.3075



56.5304, 0.3606, 0.3026



66.6635, 0.3644, 0.3404



18.0837, 0.3243, 0.3214



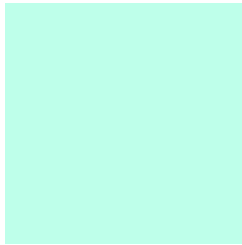
11.4539, 0.5686, 0.2906



1.1342, 0.5367, 0.2730

Previews

White Background



This preview shows how the Yxy color 88.4077, 0.2858, 0.3517 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 88.4077, 0.2858, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

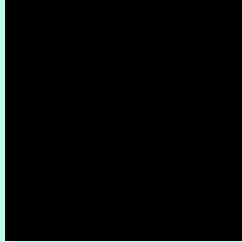
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

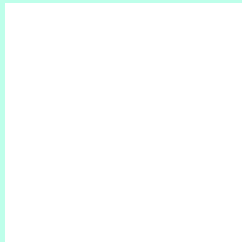
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4077, 0.2858, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 88.4077, 0.2858, 0.3517.

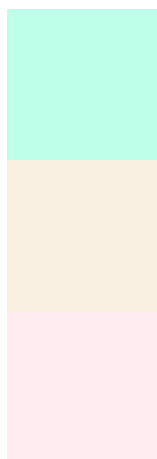


This preview shows how white text looks on a background with the Yxy color 88.4077, 0.2858, 0.3517.

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

88.4077, 0.2858, 0.3517

Protanopia

87.9509, 0.3274, 0.3430

Deuteranopia

87.5422, 0.3230, 0.3251



Tritanopia

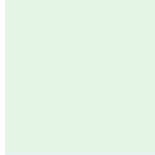
87.8970, 0.2920, 0.3188

Trichromacy



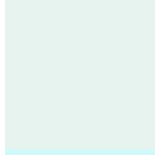
Original Color

88.4077, 0.2858, 0.3517



Protanomaly

87.4559, 0.3113, 0.3455



Deuteranomaly

87.2632, 0.3080, 0.3341



Tritanomaly

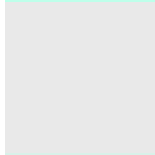
88.1684, 0.2900, 0.3310

Monochromacy



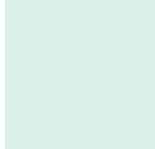
Original Color

88.4077, 0.2858, 0.3517



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.5455, 0.3020, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4077, 0.2858, 0.3517 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(190, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 234)  
}
```

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(190, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 234) }
```

Border

The CSS property to change the border of an element to Yxy 88.4077, 0.2858, 0.3517 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(190, 255, 234) }
```

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

```
.border{ border-color:rgb(190, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4077, 0.2858, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 234) }
```

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

```
.background{ background-color: rgb(190,  
255, 234) }
```

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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