

Converting Colors

$Yxy(91.3617, 0.2784, 0.3436)$

Have a look what the booklet for
Yxy(91.3617, 0.2784, 0.3436)
contains.

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Color

Yxy(88.5517, 0.2781, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFF5
RGB	186, 255, 245
RGB Percent	73%, 100%, 96%
CMY	0.2704, 0.0000, 0.0393
CMYK	0.27, 0.00, 0.04, 0.00
HSL	171°, 100%, 86%
HSV	171°, 27%, 100%
XYZ	72.4940, 88.5517, 99.6304
YIQ	233.2290, -37.9140, -17.7380

Conversions

Conversions Part 2

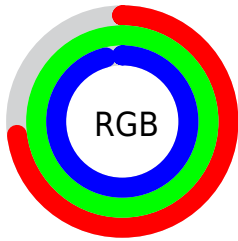
Format	Color
RYB	186, 223, 255
Decimal	12255221
CIELab	95.39, -23.31, -2.11
CIELCh	95, 23.403, 185.172
Yxy	88.5517, 0.2781, 0.3397
Android (android.graphics.Color)	4290445301 (0xFFBAFFF5)
YUV	233.2290, 5.8031, -41.4198
Hunter-Lab	94.1019, -27.1659, 3.0980

Details

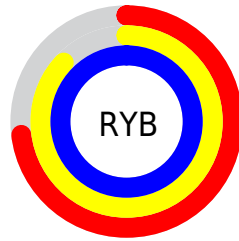
The Yxy color **88.5517, 0.2781, 0.3397** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.3844, 0.3630, 0.3187**, and the grayscale version is **81.6503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **48.8876, 0.2706, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **85.4159, 0.2671, 0.3443**, and if you desaturate by 10%, it is **92.2685, 0.2902, 0.3355**.

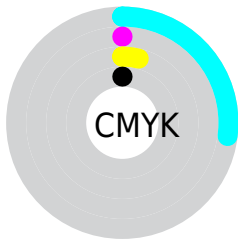
Distribution



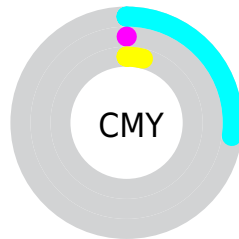
- Red (73%)
- Green (100%)
- Blue (96%)



- Red (73%)
- Yellow (87%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5517, 0.2781, 0.3397 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 88.5517, 0.2781, 0.3397 by changing the saturation by 10% instead.


 88.5517, 0.2781,
0.3397

 88.5517, 0.2781,
0.3397


523.3082, 0.2935,
0.3350

 66.7801, 0.2747,
0.3407


 145.3250, 0.2833,
0.3381

 48.9059, 0.2706,
0.3419


181.0954, 0.2854,
0.3375

 34.5449, 0.2656,
0.3434


222.3010, 0.2872,
0.3370

 23.3125, 0.2591,
0.3453

269.3259, 0.2887,
0.3365

 14.8244, 0.2506,
0.3477

322.5547, 0.2901,
0.3361

 8.6962, 0.2390,
0.3510

382.3718, 0.2914,

 4.5436, 0.2220,

0.3357

0.3555

449.1615, 0.2925,
0.3353

1.9820, 0.1953,
0.3623

0.5970, 0.0000,
0.4281

88.5517, 0.2781,
0.3397

88.5517, 0.2781,
0.3397

85.4159, 0.2671,
0.3443

92.2685, 0.2902,
0.3355

82.8209, 0.2576,
0.3491

96.5846, 0.3032,
0.3315

80.7369, 0.2498,
0.3541

100.0000, 0.3127,
0.3290

79.1272, 0.2439,
0.3593

■ 77.9499, 0.2400,
0.3645

■ 77.1561, 0.2380,
0.3697

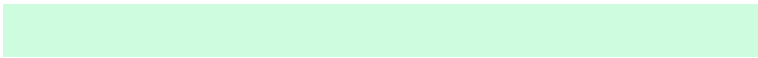
■ 76.6831, 0.2378,
0.3748

■ 76.5768, 0.2379,
0.3764

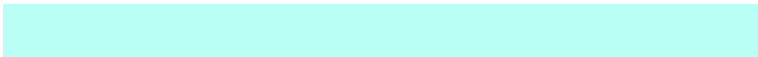
Harmonies

Analogous

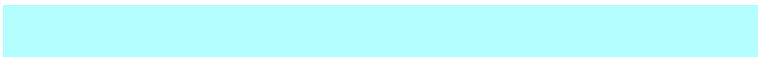
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5517, 0.3007, 0.3623



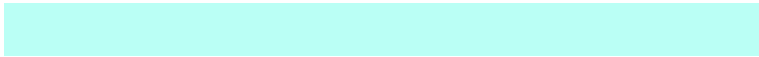
88.5517, 0.2781, 0.3397



88.5517, 0.2649, 0.3149

Triad

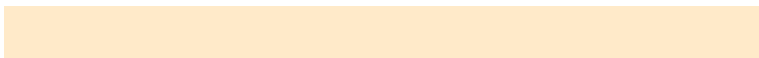
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5517, 0.2781, 0.3397



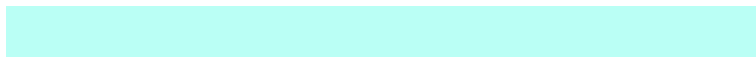
88.5517, 0.2967, 0.2873



88.5517, 0.3638, 0.3602

Complementary

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



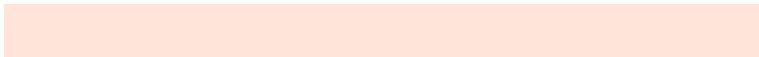
88.5517, 0.2781, 0.3397



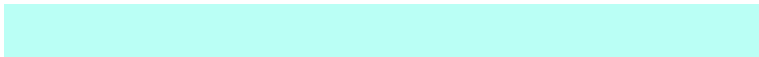
60.3844, 0.3630, 0.3187

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.



88.5517, 0.3630, 0.3397



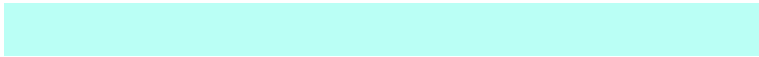
88.5517, 0.2781, 0.3397



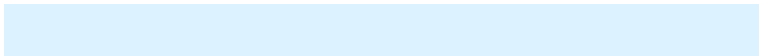
88.5517, 0.3234, 0.2988

Square

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



88.5517, 0.2781, 0.3397



88.5517, 0.2753, 0.2858



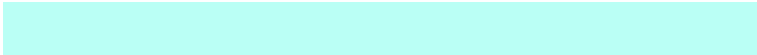
88.5517, 0.3480, 0.3176



88.5517, 0.3504, 0.3736

Rectangle

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



88.5517, 0.2781, 0.3397



88.5517, 0.2628, 0.3010



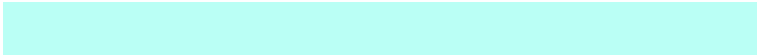
88.5517, 0.3480, 0.3176



88.5517, 0.3652, 0.3539

Sweetspot

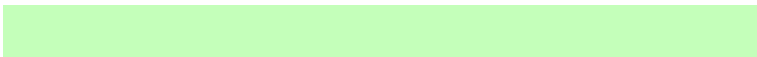
The Sweet Spot groups the original color and five complimentary colors.



88.5550, 0.2781, 0.3397



96.1445, 0.3019, 0.3319



86.8545, 0.3153, 0.4058



20.4333, 0.2999, 0.3325



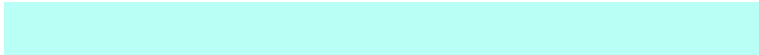
0.0000, 0.0000, 0.0000



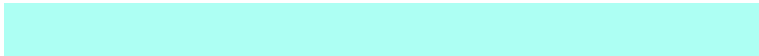
21.4041, 0.3127, 0.3290

Same Dimension

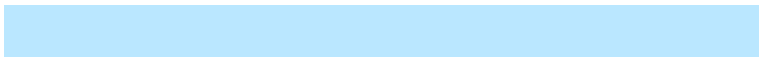
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5550, 0.2781, 0.3397



86.9288, 0.2725, 0.3419



74.7405, 0.2705, 0.3025



20.4333, 0.2999, 0.3325



40.0304, 0.2376, 0.3755



3.9095, 0.2360, 0.3696

Inverse Universe

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



60.3844, 0.3630, 0.3187



54.8150, 0.3759, 0.3167



70.9877, 0.3651, 0.3540



18.0301, 0.3271, 0.3256



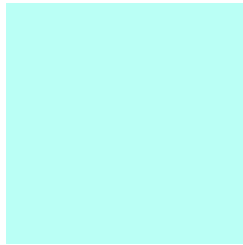
11.1918, 0.6207, 0.3193



1.1020, 0.5942, 0.3047

Previews

White Background



This preview shows how the Yxy color 88.5517, 0.2781, 0.3397 looks on a white background.

Color Contrast Check

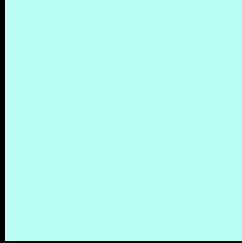
Large Text (above 18pt) WCAG AA × Fail

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 88.5517, 0.2781, 0.3397 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

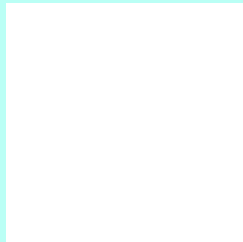
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5517, 0.2781, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 88.5517, 0.2781, 0.3397.

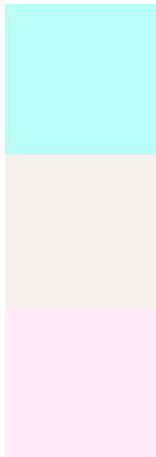


This preview shows how white text looks on a background with the Yxy color 88.5517, 0.2781, 0.3397.

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

88.5517, 0.2781, 0.3397

Protanopia

87.9691, 0.3191, 0.3330

Deuteranopia

87.9663, 0.3186, 0.3183



Tritanopia

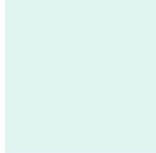
88.5037, 0.2920, 0.3198

Trichromacy



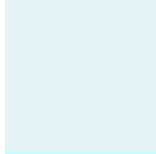
Original Color

88.5517, 0.2781, 0.3397



Protanomaly

87.3841, 0.3029, 0.3352



Deuteranomaly

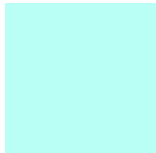
87.5780, 0.3026, 0.3259



Tritanomaly

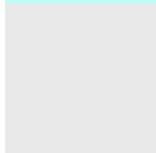
88.1263, 0.2867, 0.3268

Monochromacy



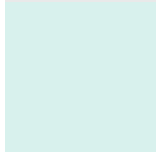
Original Color

88.5517, 0.2781, 0.3397



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6239, 0.2991, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5517, 0.2781, 0.3397 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 88.5517, 0.2781, 0.3397 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, 245) }
```

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

```
.border{ border-color:rgb(186, 255, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5517, 0.2781, 0.3397 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, 245) }
```

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

```
.background{ background-color: rgb(186,  
255, 245) }
```

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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