

Converting Colors

$Yxy(89.2584, 0.2818, 0.3407)$

Have a look what the booklet for
Yxy(89.2584, 0.2818, 0.3407)
contains.

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Color

Yxy(89.2581, 0.2818, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	C0FFF4
RGB	192, 255, 244
RGB Percent	75%, 100%, 96%
CMY	0.2470, 0.0000, 0.0433
CMYK	0.25, 0.00, 0.04, 0.00
HSL	169°, 100%, 88%
HSV	169°, 25%, 100%
XYZ	73.8272, 89.2581, 98.8991
YIQ	234.9090, -34.0170, -16.7770

Conversions

Conversions Part 2

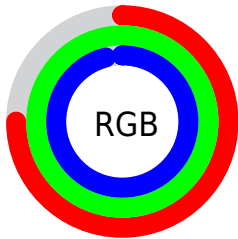
Format	Color
R_{YB}	192, 227, 255
Decimal	12648436
CIE _{Lab}	95.69, -21.80, -1.12
CIE _{LCh}	96, 21.827, 182.953
Yxy	89.2581, 0.2818, 0.3407
Android (android.graphics.Color)	4290838516 (0xFFC0FFF4)
YUV	234.9090, 4.4819, -37.6312
Hunter-Lab	94.4765, -25.8478, 4.0681

Details

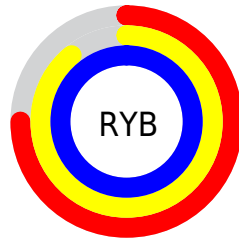
The Yxy color **89.2581, 0.2818, 0.3407** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.2839, 0.3559, 0.3177**, and the grayscale version is **82.9918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **49.3374, 0.2750, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **85.9454, 0.2709, 0.3461**, and if you desaturate by 10%, it is **93.1564, 0.2938, 0.3356**.

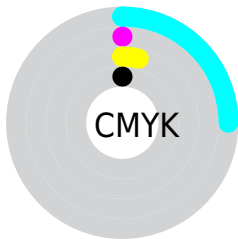
Distribution



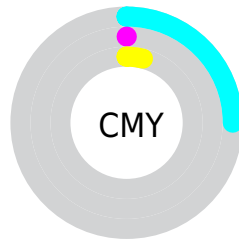
- Red (75%)
- Green (100%)
- Blue (96%)



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



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2581, 0.2818, 0.3407 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 89.2581, 0.2818, 0.3407 by changing the saturation by 10% instead.


 89.2581, 0.2818,
0.3407

 89.2581, 0.2818,
0.3407


525.6145, 0.2955,
0.3356

 67.3655, 0.2788,
0.3418


 146.3074, 0.2865,
0.3390

 49.3817, 0.2751,
0.3432


182.2329, 0.2883,
0.3383

 34.9224, 0.2706,
0.3449


223.6049, 0.2899,
0.3377

 23.6031, 0.2648,
0.3470

270.8076, 0.2913,
0.3371

 15.0394, 0.2572,
0.3498

324.2255, 0.2925,
0.3367

 8.8471, 0.2467,
0.3535

384.2431, 0.2937,

 4.6416, 0.2315,

0.3363

0.3590

451.2446, 0.2946,
0.3359

2.0385, 0.2073,
0.3674

0.6297, 0.0455,
0.4312

89.2581, 0.2818,
0.3407

89.2581, 0.2818,
0.3407

85.9454, 0.2709,
0.3461

93.1564, 0.2938,
0.3356

83.1850, 0.2612,
0.3519

97.6644, 0.3065,
0.3310

80.9456, 0.2533,
0.3580

100.0000, 0.3127,
0.3290

79.1914, 0.2471,
0.3643

■ 77.8820, 0.2429,
0.3707

■ 76.9703, 0.2407,
0.3770

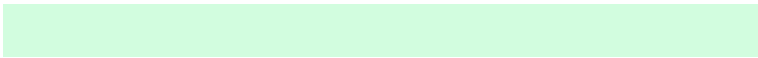
■ 76.3986, 0.2404,
0.3834

■ 76.1898, 0.2408,
0.3867

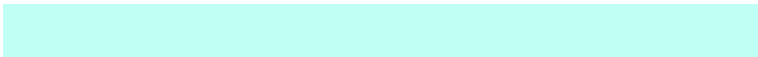
Harmonies

Analogous

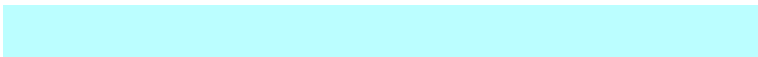
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2581, 0.3033, 0.3612



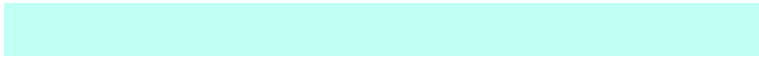
89.2581, 0.2818, 0.3407



89.2581, 0.2687, 0.3176

Triad

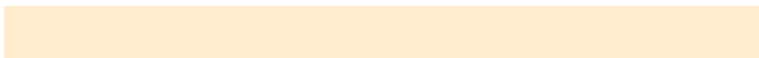
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2581, 0.2818, 0.3407



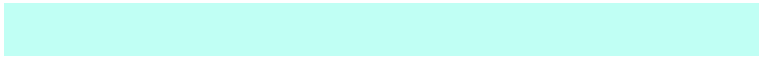
89.2581, 0.2962, 0.2896



89.2581, 0.3607, 0.3569

Complementary

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



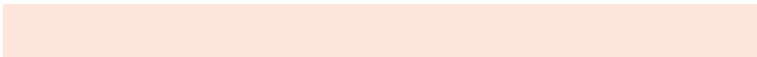
89.2581, 0.2818, 0.3407



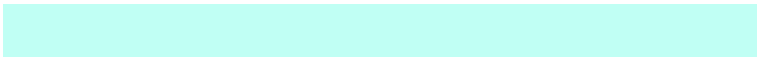
63.2839, 0.3559, 0.3177

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.



89.2581, 0.3588, 0.3375



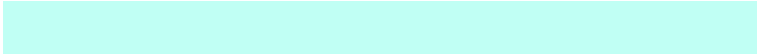
89.2581, 0.2818, 0.3407



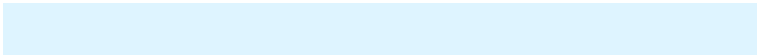
89.2581, 0.3208, 0.2997

Square

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



89.2581, 0.2818, 0.3407



89.2581, 0.2767, 0.2891



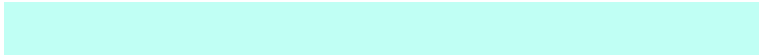
89.2581, 0.3440, 0.3169



89.2581, 0.3492, 0.3699

Rectangle

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



89.2581, 0.2818, 0.3407



89.2581, 0.2661, 0.3043



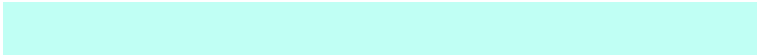
89.2581, 0.3440, 0.3169



89.2581, 0.3616, 0.3509

Sweetspot

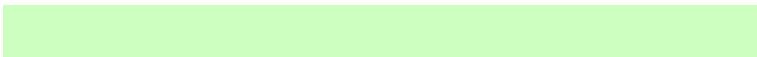
The Sweet Spot groups the original color and five complimentary colors.



89.2593, 0.2818, 0.3407



96.5706, 0.3036, 0.3320



88.1034, 0.3165, 0.3980



20.6099, 0.3028, 0.3323



0.0000, 0.0000, 0.0000



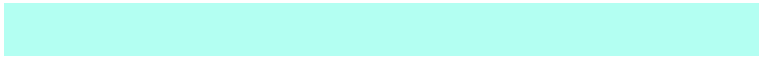
21.4041, 0.3127, 0.3290

Same Dimension

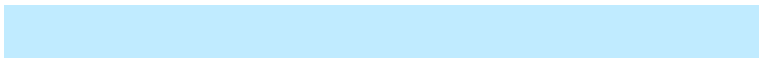
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2593, 0.2818, 0.3407



87.4310, 0.2758, 0.3435



77.8790, 0.2744, 0.3074



20.4236, 0.3003, 0.3332



39.8308, 0.2405, 0.3857



3.8919, 0.2385, 0.3784

Inverse Universe

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



63.2839, 0.3559, 0.3177



57.1015, 0.3685, 0.3152



72.1367, 0.3601, 0.3496



18.0390, 0.3267, 0.3249



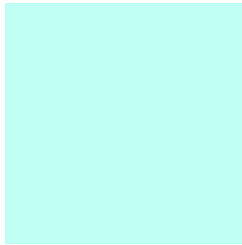
11.2214, 0.6142, 0.3157



1.1062, 0.5857, 0.3000

Previews

White Background



This preview shows how the Yxy color 89.2581, 0.2818, 0.3407 looks on a white background.

Color Contrast Check

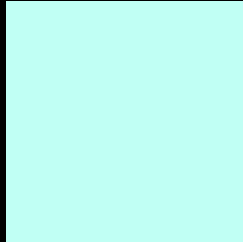
Large Text (above 18pt) WCAG AA × Fail

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 89.2581, 0.2818, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

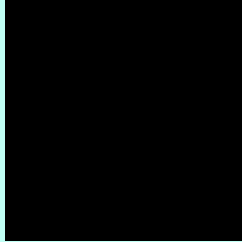
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.2581, 0.2818, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 89.2581, 0.2818, 0.3407.

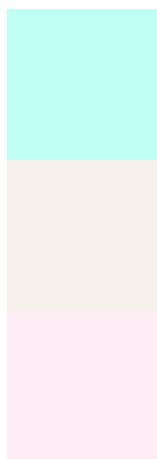


This preview shows how white text looks on a background with the Yxy color 89.2581, 0.2818, 0.3407.

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

89.2581, 0.2818, 0.3407

Protanopia

88.7409, 0.3197, 0.3340

Deuteranopia

88.4822, 0.3191, 0.3203



Tritanopia

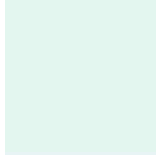
88.9788, 0.2938, 0.3198

Trichromacy



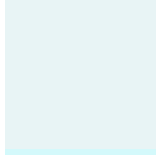
Original Color

89.2581, 0.2818, 0.3407



Protanomaly

88.4744, 0.3048, 0.3361



Deuteranomaly

88.4497, 0.3045, 0.3280



Tritanomaly

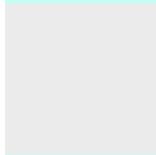
88.7134, 0.2890, 0.3269

Monochromacy



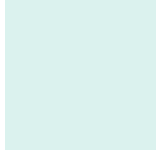
Original Color

89.2581, 0.2818, 0.3407



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.7374, 0.3004, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2581, 0.2818, 0.3407 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(192, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 244)  
}
```

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(192, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 244) }
```

Border

The CSS property to change the border of an element to Yxy 89.2581, 0.2818, 0.3407 is called "border". The border property can be set on classes, ids or directly on the HTML element.

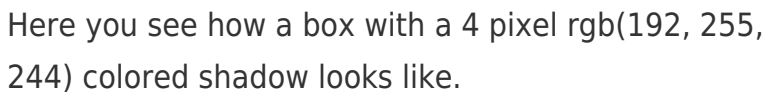
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 255, 244) }
```

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

```
.border{ border-color:rgb(192, 255, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2581, 0.2818, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 244) }
```

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

```
.background{ background-color: rgb(192,  
255, 244) }
```

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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