

Converting Colors

$Yxy(97.4609, 0.2427, 0.3570)$

Have a look what the booklet for
Yxy(97.4609, 0.2427, 0.3570)
contains.

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Color

Yxy(80.8999, 0.2364, 0.3299)

Conversions

Conversions Part 1

Format	Color
Hex	5BFFFE
RGB	91, 255, 254
RGB Percent	36%, 100%, 100%
CMY	0.6429, 0.0000, 0.0038
CMYK	0.64, 0.00, 0.00, 0.00
HSL	180°, 100%, 68%
HSV	180°, 64%, 100%
XYZ	57.9713, 80.8999, 106.3543
YIQ	205.8500, -97.4230, -35.0790

Conversions

Conversions Part 2

Format	Color
R _Y B	91, 173, 255
Decimal	6029310
CIE Lab	92.09, -41.86, -12.08
CIE LCh	92, 43.573, 196.099
Yxy	80.8999, 0.2364, 0.3299
Android (android.graphics.Color)	4284219390 (0xFF5BFFFE)
YUV	205.8500, 23.7380, -100.7234
Hunter-Lab	89.9444, -42.3551, -7.1461

Details

The Yxy color **80.8999, 0.2364, 0.3299** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **29.5236, 0.5225, 0.3288**, and the grayscale version is **61.5242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **44.4194, 0.2251, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **79.8093, 0.2310, 0.3301**, and if you desaturate by 10%, it is **82.4367, 0.2438, 0.3297**.

Distribution



- Red (36%)
- Green (100%)
- Blue (100%)



- Red (36%)
- Yellow (68%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.8999, 0.2364, 0.3299 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 80.8999, 0.2364, 0.3299 by changing the saturation by 10% instead.


 80.8999, 0.2364,
0.3299


 80.8999, 0.2364,
0.3299


497.9604, 0.2701,
0.3305


 60.4592, 0.2291,
0.3296


 134.6302, 0.2478,
0.3303

 43.7888, 0.2203,
0.3290

 168.6886, 0.2523,
0.3304

 30.5045, 0.2094,
0.3282


 208.0549, 0.2562,
0.3304

 20.2219, 0.1958,
0.3268

253.1137, 0.2597,
0.3305

 12.5564, 0.1782,
0.3245

304.2492, 0.2628,
0.3305

 7.1238, 0.1548,
0.3204

361.8459, 0.2655,

 3.5397, 0.1228,

0.3305

426.2882, 0.2679,
0.3305

0.3125

1.4195, 0.0533,
0.3030

0.2311, 0.0000,
0.1733

80.8999, 0.2364,
0.3299

80.8999, 0.2364,
0.3299

79.8093, 0.2310,
0.3301

82.4367, 0.2438,
0.3297

79.1092, 0.2275,
0.3303

84.4507, 0.2531,
0.3296

78.7453, 0.2256,
0.3304

86.9806, 0.2643,
0.3294

78.6420, 0.2252,
0.3305

90.0588, 0.2770,
0.3293

■ 93.7147, 0.2910,
0.3292

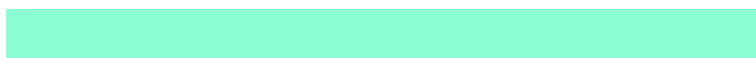
■ 97.9760, 0.3060,
0.3290

■ 99.9981, 0.3127,
0.3290

Harmonies

Analogous

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



80.8999, 0.2716, 0.3803



80.8999, 0.2364, 0.3299



80.8999, 0.2212, 0.2845

Triad

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



80.8999, 0.2364, 0.3299



80.8999, 0.2991, 0.2587



80.8999, 0.4033, 0.3970

Complementary

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



80.8999, 0.2364, 0.3299



29.5236, 0.5225, 0.3288

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.



80.8999, 0.4138, 0.3605



80.8999, 0.2364, 0.3299



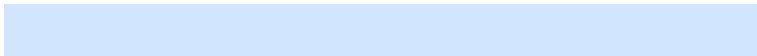
80.8999, 0.3508, 0.2844

Square

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



80.8999, 0.2364, 0.3299



80.8999, 0.2549, 0.2484



80.8999, 0.3942, 0.3204



80.8999, 0.3682, 0.4191

Rectangle

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



80.8999, 0.2364, 0.3299



80.8999, 0.2231, 0.2636



80.8999, 0.3942, 0.3204



80.8999, 0.4100, 0.3858

Sweetspot

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



80.9030, 0.2364, 0.3299



91.9224, 0.2843, 0.3292



74.6427, 0.3040, 0.5371



19.4555, 0.2803, 0.3292



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.



80.9030, 0.2364, 0.3299



79.5852, 0.2298, 0.3301



40.4022, 0.2118, 0.2261



20.4796, 0.2981, 0.3291



41.0941, 0.2252, 0.3305



4.0018, 0.2251, 0.3303

Inverse Universe

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



29.5236, 0.5225, 0.3288



24.6762, 0.5814, 0.3291



50.8749, 0.4600, 0.4066



17.9888, 0.3294, 0.3289



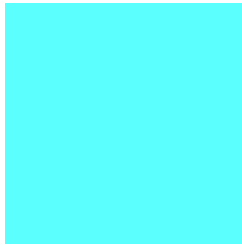
11.1113, 0.6395, 0.3296



1.0824, 0.6380, 0.3289

Previews

White Background



This preview shows how the Yxy color 80.8999, 0.2364, 0.3299 looks on a white background.

Color Contrast Check

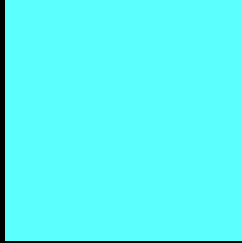
Large Text (above 18pt) WCAG AA × Fail

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 80.8999, 0.2364, 0.3299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

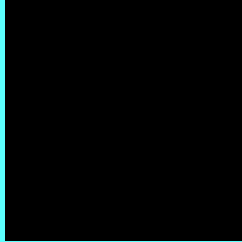
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.8999, 0.2364, 0.3299

Background



This preview shows how black text looks on a background with the Yxy color 80.8999, 0.2364, 0.3299.

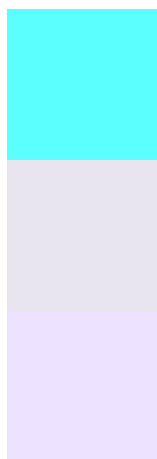


This preview shows how white text looks on a background with the Yxy color 80.8999, 0.2364, 0.3299.

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

80.8999, 0.2364, 0.3299

Protanopia

79.3675, 0.3091, 0.3197

Deuteranopia

79.6172, 0.3019, 0.2998



Tritanopia

80.2054, 0.2650, 0.3157

Trichromacy



Original Color

80.8999, 0.2364, 0.3299



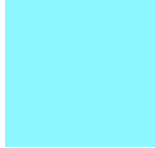
Protanomaly

77.5045, 0.2742, 0.3222



Deuteranomaly

77.9787, 0.2701, 0.3093



Tritanomaly

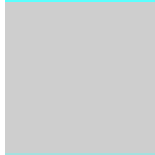
79.5812, 0.2517, 0.3197

Monochromacy



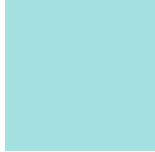
Original Color

80.8999, 0.2364, 0.3299



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

66.5315, 0.2743, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8999, 0.2364, 0.3299 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(91, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(91, 255, 254)  
}
```

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(91, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 255, 254) }
```

Border

The CSS property to change the border of an element to Yxy 80.8999, 0.2364, 0.3299 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(91, 255, 254) }
```

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

```
.border{ border-color:rgb(91, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(91, 255,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8999, 0.2364, 0.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 255, 254) }
```

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

```
.background{ background-color: rgb(91, 255,  
254) }
```

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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