

Converting Colors

$Yxy(81.3149, 0.2460, 0.3246)$

Have a look what the booklet for
Yxy(81.3149, 0.2460, 0.3246)
contains.

Yxy(81.3528, 0.2464, 0.3254)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(81.3528, 0.2464, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	7FFCFF
RGB	127, 252, 255
RGB Percent	50%, 99%, 100%
CMY	0.5023, 0.0117, 0.0000
CMYK	0.50, 0.01, 0.00, 0.00
HSL	181°, 100%, 75%
HSV	181°, 50%, 100%
XYZ	61.6021, 81.3528, 107.0537
YIQ	214.9670, -75.4630, -25.5670

Conversions

Conversions Part 2

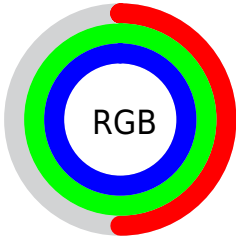
Format	Color
RYB	127, 190, 255
Decimal	8387839
CIELab	92.29, -34.06, -12.17
CIELCh	92, 36.167, 199.662
Yxy	81.3528, 0.2464, 0.3254
Android (android.graphics.Color)	4286577919 (0xFF7FFCFF)
YUV	214.9670, 19.7363, -77.1471
Hunter-Lab	90.1958, -35.9303, -7.2345

Details

The Yxy color **81.3528, 0.2464, 0.3254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **38.7265, 0.4552, 0.3324**, and the grayscale version is **67.8225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4314, 0.2742, 0.3289**, and **44.0995, 0.2326, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **79.2696, 0.2379, 0.3246**, and if you desaturate by 10%, it is **83.9386, 0.2568, 0.3262**.

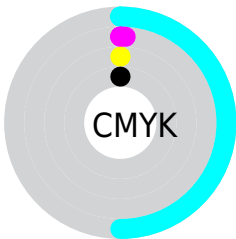
Distribution



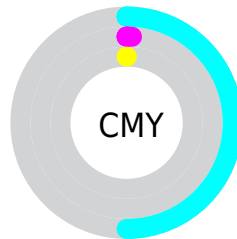
- Red (50%)
- Green (99%)
- Blue (100%)



- Red (50%)
- Yellow (75%)
- Blue (100%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (50%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.3528, 0.2464, 0.3254 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 81.3528, 0.2464, 0.3254 by changing the saturation by 10% instead.


 81.3528, 0.2464,
0.3254

 81.3528, 0.2464,
0.3254


499.4802, 0.2758,
0.3278

 60.8322, 0.2400,
0.3247


 135.2660, 0.2563,
0.3264

 44.0898, 0.2323,
0.3237


 169.4275, 0.2603,
0.3267

 30.7411, 0.2227,
0.3224


 208.9046, 0.2637,
0.3270

 20.4018, 0.2107,
0.3205

254.0819, 0.2667,
0.3272

 12.6874, 0.1950,
0.3176

305.3437, 0.2694,
0.3274

 7.2137, 0.1740,
0.3129

363.0745, 0.2717,

 3.5961, 0.1447,

0.3276

427.6585, 0.2739,
0.3277

0.3045

1.4503, 0.0925,
0.2905

0.2533, 0.0000,
0.1824

81.3528, 0.2464,
0.3254

81.3528, 0.2464,
0.3254

79.2696, 0.2379,
0.3246

83.9386, 0.2568,
0.3262

77.6415, 0.2313,
0.3238

87.0518, 0.2688,
0.3269

76.4279, 0.2267,
0.3230

90.7267, 0.2823,
0.3277

75.5767, 0.2240,
0.3223

94.9919, 0.2969,
0.3284

■ 75.0124, 0.2227,
0.3215

99.8743, 0.3124,
0.3290

99.9994, 0.3127,
0.3290

Harmonies

Analogous

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



81.3528, 0.2746, 0.3665



81.3528, 0.2464, 0.3254



81.3528, 0.2354, 0.2890

Triad

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



81.3528, 0.2464, 0.3254



81.3528, 0.3067, 0.2717



81.3528, 0.3858, 0.3894

Complementary

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



81.3528, 0.2464, 0.3254



38.7265, 0.4552, 0.3324

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.



81.3528, 0.3967, 0.3604



81.3528, 0.2464, 0.3254



81.3528, 0.3494, 0.2949

Square

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



81.3528, 0.2464, 0.3254



81.3528, 0.2683, 0.2613



81.3528, 0.3832, 0.3264



81.3528, 0.3550, 0.4044

Rectangle

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



81.3528, 0.2464, 0.3254



81.3528, 0.2385, 0.2723



81.3528, 0.3832, 0.3264



81.3528, 0.3920, 0.3808

Sweetspot

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



81.3559, 0.2464, 0.3254



92.8879, 0.2898, 0.3280



77.6062, 0.3043, 0.4872



19.6917, 0.2868, 0.3279



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.



81.3559, 0.2464, 0.3254



79.3183, 0.2381, 0.3246



48.0442, 0.2311, 0.2470



20.4047, 0.2980, 0.3284



39.2318, 0.2227, 0.3217



3.8419, 0.2229, 0.3225

Inverse Universe

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



43.4462, 0.3210, 0.2101



37.7560, 0.3225, 0.1918



60.9686, 0.4178, 0.3970



18.2927, 0.3142, 0.3061



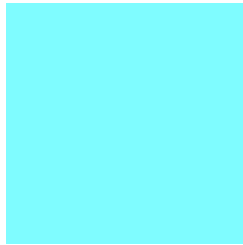
14.6884, 0.3268, 0.1574



1.4324, 0.3261, 0.1570

Previews

White Background



This preview shows how the Yxy color 81.3528, 0.2464, 0.3254 looks on a white background.

Color Contrast Check

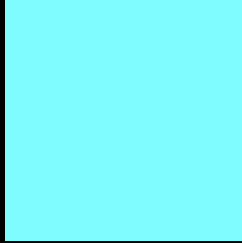
Large Text (above 18pt) WCAG AA × Fail

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 81.3528, 0.2464, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

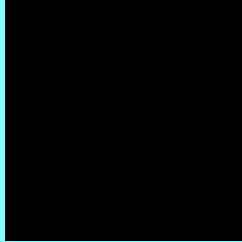
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.3528, 0.2464, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 81.3528, 0.2464, 0.3254.

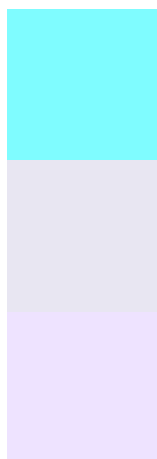


This preview shows how white text looks on a background with the Yxy color 81.3528, 0.2464, 0.3254.

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

81.3528, 0.2464, 0.3254

Protanopia

80.1602, 0.3065, 0.3167

Deuteranopia

80.3353, 0.3026, 0.3009



Tritanopia

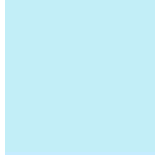
80.5480, 0.2690, 0.3147

Trichromacy



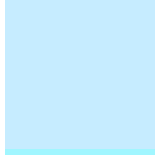
Original Color

81.3528, 0.2464, 0.3254



Protanomaly

79.3338, 0.2800, 0.3191



Deuteranomaly

79.2167, 0.2779, 0.3086



Tritanomaly

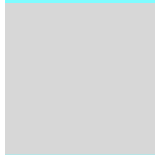
80.7086, 0.2596, 0.3188

Monochromacy



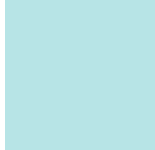
Original Color

81.3528, 0.2464, 0.3254



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

71.2673, 0.2821, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3528, 0.2464, 0.3254 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(127, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 252, 255)  
}
```

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(127, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 252, 255) }
```

Border

The CSS property to change the border of an element to Yxy 81.3528, 0.2464, 0.3254 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(127, 252, 255) }
```

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

```
.border{ border-color:rgb(127, 252, 255) }
```

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

Here you see how a box with a 4 pixel rgb(127, 252, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 252,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3528, 0.2464, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 252, 255) }
```

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

```
.background{ background-color: rgb(127,  
252, 255) }
```

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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