

Converting Colors

$Yxy(93.5252, 0.2585, 0.3788)$

Have a look what the booklet for
Yxy(93.5252, 0.2585, 0.3788)
contains.

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Color

Yxy(81.1551, 0.2548, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	77FFE6
RGB	119, 255, 230
RGB Percent	47%, 100%, 90%
CMY	0.5328, 0.0000, 0.0980
CMYK	0.53, 0.00, 0.10, 0.00
HSL	169°, 100%, 73%
HSV	169°, 53%, 100%
XYZ	57.6640, 81.1551, 87.4918
YIQ	211.4860, -73.0310, -36.6070

Conversions

Conversions Part 2

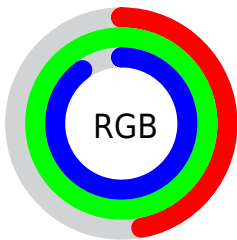
Format	Color
RYB	119, 194, 255
Decimal	7864294
CIELab	92.20, -43.10, 0.62
CIElCh	92, 43.109, 179.181
Yxy	81.1551, 0.2548, 0.3586
Android (android.graphics.Color)	4286054374 (0xFF77FFE6)
YUV	211.4860, 9.1274, -81.1102
Hunter-Lab	90.0861, -43.3931, 5.4777

Details

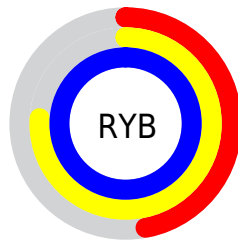
The Yxy color **81.1551, 0.2548, 0.3586** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **36.4999, 0.4405, 0.3040**, and the grayscale version is **65.4773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4433, 0.2701, 0.3289**, and **44.1614, 0.2418, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **79.3274, 0.2484, 0.3652**, and if you desaturate by 10%, it is **83.4803, 0.2630, 0.3522**.

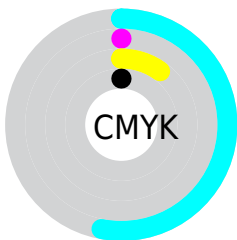
Distribution



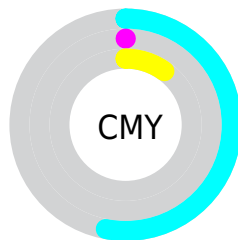
- Red (47%)
- Green (100%)
- Blue (90%)



- Red (47%)
- Yellow (76%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (53%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1551, 0.2548, 0.3586 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 81.1551, 0.2548, 0.3586 by changing the saturation by 10% instead.

 81.1551, 0.2548,
0.3586


 81.1551, 0.2548,
0.3586

498.8171, 0.2809,
0.3452


 60.6693, 0.2490,
0.3616


 134.9885, 0.2637,
0.3540

 43.9584, 0.2419,
0.3652


 169.1050, 0.2672,
0.3522

 30.6378, 0.2331,
0.3698


 208.5338, 0.2703,
0.3507

 20.3232, 0.2219,
0.3756

253.6594, 0.2729,
0.3493

 12.6302, 0.2070,
0.3833

304.8661, 0.2753,
0.3481

 7.1744, 0.1864,
0.3940


362.5384, 0.2774,


 3.5714, 0.1567,


0.3470


0.4097

427.0606, 0.2792,
0.3461


 1.4368, 0.0729,
0.4527


 0.2436, 0.0000,
0.5230


 81.1551, 0.2548,
0.3586


 81.1551, 0.2548,
0.3586


 79.3274, 0.2484,
0.3652

 83.4803, 0.2630,
0.3522


 77.9480, 0.2440,
0.3719

 86.3287, 0.2727,
0.3462


 76.9740, 0.2416,
0.3786

 89.7356, 0.2837,
0.3405

 76.3497, 0.2411,
0.3853

 93.7303, 0.2957,
0.3353

 76.0725, 0.2416,
0.3898

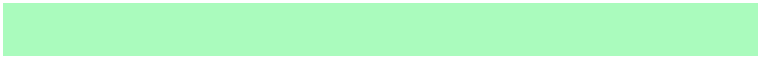
 98.3404, 0.3084,
0.3305

99.9935, 0.3127,
0.3290

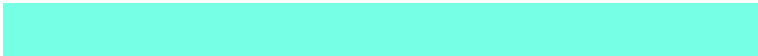
Harmonies

Analogous

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



81.1551, 0.2981, 0.4020



81.1551, 0.2548, 0.3586



81.1551, 0.2280, 0.3088

Triad

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



81.1551, 0.2548, 0.3586



81.1551, 0.2729, 0.2516



81.1551, 0.4117, 0.3770

Complementary

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



81.1551, 0.2548, 0.3586



36.4999, 0.4405, 0.3040

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.



81.1551, 0.4052, 0.3378



81.1551, 0.2548, 0.3586



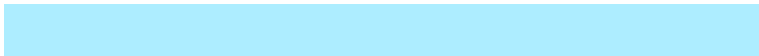
81.1551, 0.3214, 0.2689

Square

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



81.1551, 0.2548, 0.3586



81.1551, 0.2380, 0.2514



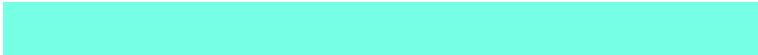
81.1551, 0.3711, 0.2995



81.1551, 0.3896, 0.4083

Rectangle

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



81.1551, 0.2548, 0.3586



81.1551, 0.2218, 0.2814



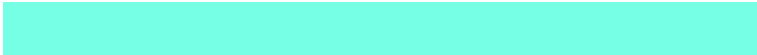
81.1551, 0.3711, 0.2995



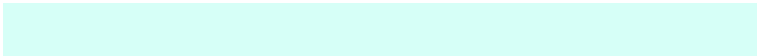
81.1551, 0.4129, 0.3643

Sweetspot

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



81.1583, 0.2548, 0.3586



92.5924, 0.2924, 0.3367



78.9873, 0.3187, 0.4935



19.6393, 0.2899, 0.3377



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.



81.1583, 0.2548, 0.3586



79.2207, 0.2481, 0.3657



59.3612, 0.2342, 0.2792



20.4208, 0.3005, 0.3334



39.7738, 0.2413, 0.3887



3.8868, 0.2392, 0.3811

Inverse Universe

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



36.4999, 0.4405, 0.3040



30.2801, 0.4832, 0.3014



47.6961, 0.4445, 0.3711



18.0416, 0.3265, 0.3247



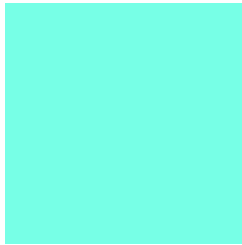
11.2312, 0.6121, 0.3146



1.1075, 0.5831, 0.2986

Previews

White Background



This preview shows how the Yxy color 81.1551, 0.2548, 0.3586 looks on a white background.

Color Contrast Check

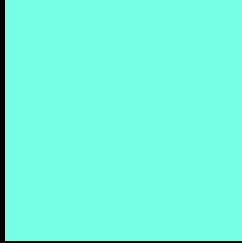
Large Text (above 18pt) WCAG AA × Fail

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 81.1551, 0.2548, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

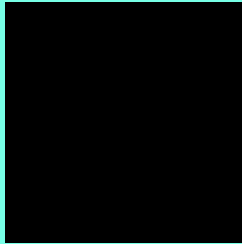
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.1551, 0.2548, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 81.1551, 0.2548, 0.3586.

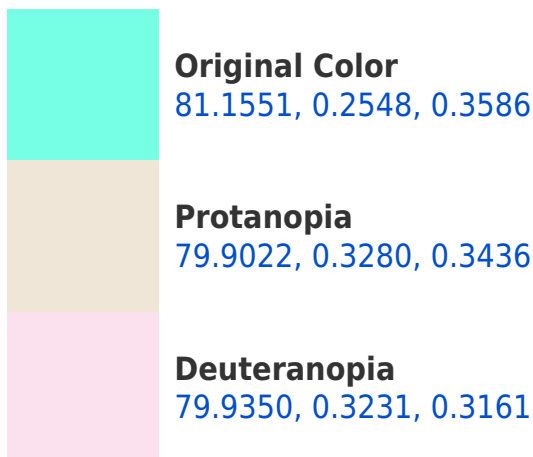


This preview shows how white text looks on a background with the Yxy color 81.1551, 0.2548, 0.3586.

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





Tritanopia

80.4276, 0.2685, 0.3147

Trichromacy



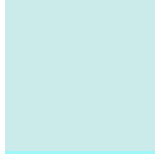
Original Color

81.1551, 0.2548, 0.3586



Protanomaly

78.5556, 0.2952, 0.3491



Deuteranomaly

78.0537, 0.2925, 0.3300



Tritanomaly

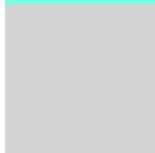
80.4445, 0.2625, 0.3300

Monochromacy



Original Color

81.1551, 0.2548, 0.3586



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

70.0663, 0.2853, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1551, 0.2548, 0.3586 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(119, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(119, 255, 230)  
}
```

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(119, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 255, 230) }
```

Border

The CSS property to change the border of an element to Yxy 81.1551, 0.2548, 0.3586 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(119, 255, 230) }
```

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

```
.border{ border-color:rgb(119, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(119, 255,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1551, 0.2548, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 255, 230) }
```

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

```
.background{ background-color: rgb(119,  
255, 230) }
```

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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