

Converting Colors

$Yxy(79.0618, 0.2547, 0.3248)$

Have a look what the booklet for
Yxy(79.0618, 0.2547, 0.3248)
contains.

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Color

Yxy(78.8334, 0.2546, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	91F6FA
RGB	145, 246, 250
RGB Percent	57%, 96%, 98%
CMY	0.4311, 0.0353, 0.0198
CMYK	0.42, 0.02, 0.00, 0.02
HSL	182°, 91%, 77%
HSV	182°, 42%, 98%
XYZ	61.8902, 78.8334, 102.3643
YIQ	216.2570, -61.4800, -20.1680

Conversions

Conversions Part 2

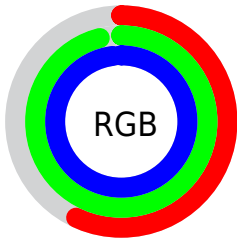
Format	Color
R_{YB}	145, 196, 250
Decimal	9565946
CIE _{Lab}	91.16, -28.52, -11.17
CIE _{LCh}	91, 30.626, 201.390
Yxy	78.8334, 0.2546, 0.3243
Android (android.graphics.Color)	4287756026 (0xFF91F6FA)
YUV	216.2570, 16.6353, -62.4924
Hunter-Lab	88.7882, -30.9551, -6.2040

Details

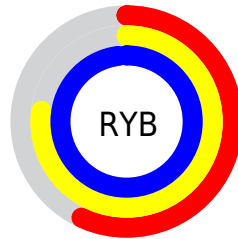
The Yxy color **78.8334, 0.2546, 0.3243** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.8643, 0.4203, 0.3336**, and the grayscale version is **68.7785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **42.2687, 0.2415, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **76.2361, 0.2444, 0.3230**, and if you desaturate by 10%, it is **81.9393, 0.2665, 0.3255**.

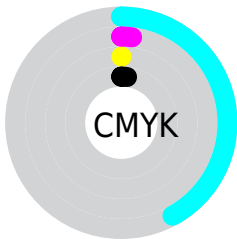
Distribution



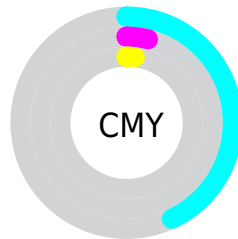
- Red (57%)
- Green (96%)
- Blue (98%)



- Red (57%)
- Yellow (77%)
- Blue (98%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (43%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.8334, 0.2546, 0.3243 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 78.8334, 0.2546, 0.3243 by changing the saturation by 10% instead.


 78.8334, 0.2546,
0.3243

 78.8334, 0.2546,
0.3243


490.9926, 0.2806,
0.3270

 58.7588, 0.2489,
0.3235


 131.7243, 0.2634,
0.3254

 42.4190, 0.2419,
0.3226


 165.3094, 0.2669,
0.3257

 29.4295, 0.2333,
0.3212


204.1669, 0.2700,
0.3261

 19.4060, 0.2224,
0.3193

248.6810, 0.2726,
0.3263

 11.9640, 0.2080,
0.3165

299.2363, 0.2750,
0.3265

 6.7192, 0.1884,
0.3119


356.2170, 0.2770,


 3.2871, 0.1604,


0.3267

0.3038

420.0076, 0.2789,
0.3269


 1.2834, 0.1082,
0.2906


 0.1283, 0.0000,
0.1223

 78.8334, 0.2546,
0.3243


 78.8334, 0.2546,
0.3243

 76.2361, 0.2444,
0.3230


 81.9393, 0.2665,
0.3255


 74.1051, 0.2360,
0.3218


 85.5747, 0.2798,
0.3267


 72.4064, 0.2296,
0.3205

 89.7704, 0.2943,
0.3278


 71.0972, 0.2252,
0.3192


 94.5522, 0.3096,
0.3288


 70.1259, 0.2225,
0.3179


 96.9795, 0.3159,
0.3297

 69.5278, 0.2214,
0.3170

 97.5699, 0.3158,
0.3306

 98.1632, 0.3158,
0.3315

 98.7595, 0.3157,
0.3324

 99.3587, 0.3157,
0.3333

Harmonies

Analogous

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



78.8334, 0.2784, 0.3590



78.8334, 0.2546, 0.3243



78.8334, 0.2458, 0.2936

Triad

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



78.8334, 0.2546, 0.3243



78.8334, 0.3099, 0.2802



78.8334, 0.3743, 0.3823

Complementary

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



78.8334, 0.2546, 0.3243



43.8643, 0.4203, 0.3336

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.



78.8334, 0.3845, 0.3582



78.8334, 0.2546, 0.3243



78.8334, 0.3462, 0.3010

Square

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



78.8334, 0.2546, 0.3243



78.8334, 0.2763, 0.2706



78.8334, 0.3741, 0.3289



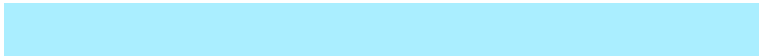
78.8334, 0.3475, 0.3934

Rectangle

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



78.8334, 0.2546, 0.3243



78.8334, 0.2491, 0.2795



78.8334, 0.3741, 0.3289



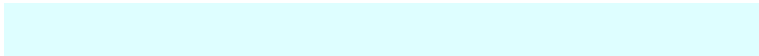
78.8334, 0.3799, 0.3754

Sweetspot

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



78.8365, 0.2546, 0.3243



93.4497, 0.2928, 0.3277



76.5284, 0.3049, 0.4553



19.7864, 0.2895, 0.3274



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.



78.8365, 0.2546, 0.3243



80.2567, 0.2462, 0.3233



51.5143, 0.2441, 0.2608



19.4895, 0.2980, 0.3281



36.9426, 0.2214, 0.3172



3.4556, 0.2219, 0.3186

Inverse Universe

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



47.2394, 0.3209, 0.2291



43.4820, 0.3226, 0.2119



64.1396, 0.3957, 0.3880



17.5126, 0.3144, 0.3065



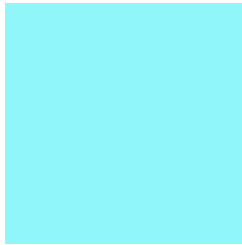
14.1403, 0.3306, 0.1595



1.3131, 0.3293, 0.1588

Previews

White Background



This preview shows how the Yxy color 78.8334, 0.2546, 0.3243 looks on a white background.

Color Contrast Check

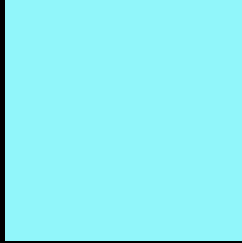
Large Text (above 18pt) WCAG AA × Fail

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 78.8334, 0.2546, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

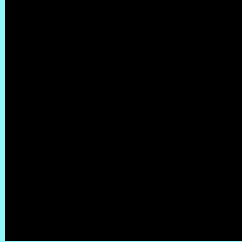
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.8334, 0.2546, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 78.8334, 0.2546, 0.3243.

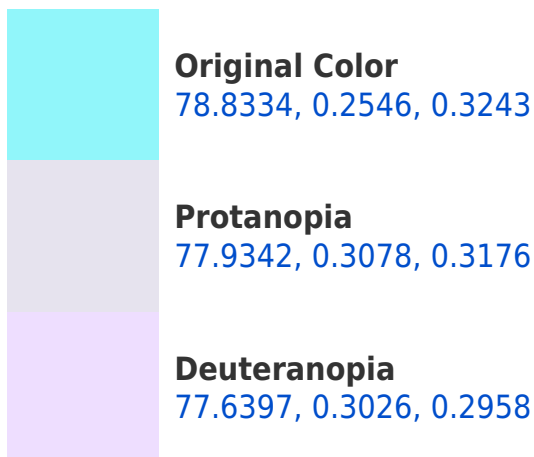


This preview shows how white text looks on a background with the Yxy color 78.8334, 0.2546, 0.3243.

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

78.5388, 0.2651, 0.3123

Trichromacy



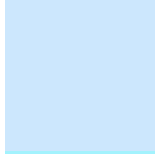
Original Color

78.8334, 0.2546, 0.3243



Protanomaly

77.3986, 0.2855, 0.3202



Deuteranomaly

77.0810, 0.2822, 0.3055



Tritanomaly

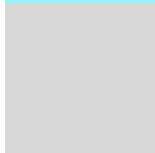
78.3826, 0.2608, 0.3165

Monochromacy



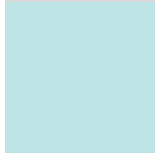
Original Color

78.8334, 0.2546, 0.3243



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

71.4868, 0.2875, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8334, 0.2546, 0.3243 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(145, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(145, 246, 250)  
}
```

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(145, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 246, 250) }
```

Border

The CSS property to change the border of an element to Yxy 78.8334, 0.2546, 0.3243 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(145, 246, 250) }
```

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

```
.border{ border-color:rgb(145, 246, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 246, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(145, 246,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8334, 0.2546, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 246, 250) }
```

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

```
.background{ background-color: rgb(145,  
246, 250) }
```

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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