

Converting Colors

$Yxy(79.9882, 0.2555, 0.3248)$

Have a look what the booklet for
Yxy(79.9882, 0.2555, 0.3248)
contains.

Yxy(79.7825, 0.2556, 0.3243)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.7825, 0.2556, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	94F7FB
RGB	148, 247, 251
RGB Percent	58%, 97%, 98%
CMY	0.4197, 0.0313, 0.0157
CMYK	0.41, 0.02, 0.00, 0.02
HSL	182°, 93%, 78%
HSV	182°, 41%, 98%
XYZ	62.8813, 79.7825, 103.3507
YIQ	217.8550, -60.2880, -19.7440

Conversions

Conversions Part 2

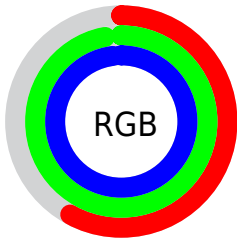
Format	Color
RYB	148, 198, 251
Decimal	9762811
CIELab	91.59, -28.06, -11.06
CIElCh	92, 30.162, 201.509
Yxy	79.7825, 0.2556, 0.3243
Android (android.graphics.Color)	4287952891 (0xFF94F7FB)
YUV	217.8550, 16.3405, -61.2628
Hunter-Lab	89.3211, -30.6493, -6.0779

Details

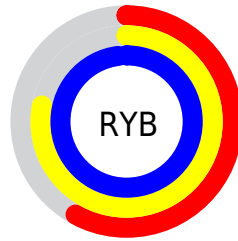
The Yxy color **79.7825, 0.2556, 0.3243** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.0901, 0.4169, 0.3336**, and the grayscale version is **69.9195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **42.9407, 0.2431, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **77.1008, 0.2452, 0.3230**, and if you desaturate by 10%, it is **82.9809, 0.2677, 0.3256**.

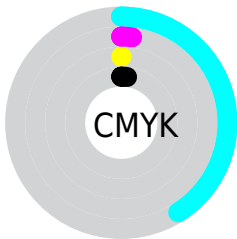
Distribution



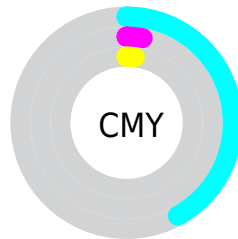
- Red (58%)
- Green (97%)
- Blue (98%)



- Red (58%)
- Yellow (78%)
- Blue (98%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)




- Cyan (42%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7825, 0.2556, 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 79.7825, 0.2556, 0.3243 by changing the saturation by 10% instead.

 79.7825, 0.2556,
0.3243


 79.7825, 0.2556,
0.3243


494.1995, 0.2811,
0.3270

 59.5394, 0.2500,
0.3236

 133.0599, 0.2643,
0.3253

 43.0475, 0.2432,
0.3226


 166.8630, 0.2677,
0.3257

 29.9224, 0.2348,
0.3213


205.9548, 0.2707,
0.3260

 19.7797, 0.2241,
0.3194

250.7198, 0.2733,
0.3263

 12.2350, 0.2100,
0.3167

301.5424, 0.2756,
0.3265

 6.9039, 0.1909,
0.3123

358.8070, 0.2776,

 3.4021, 0.1636,

0.3267

422.8979, 0.2794,
0.3269

0.3045

1.3451, 0.1156,
0.2911

0.1757, 0.0000,
0.1541

79.7825, 0.2556,
0.3243

79.7825, 0.2556,
0.3243

77.1008, 0.2452,
0.3230

82.9809, 0.2677,
0.3256

74.8934, 0.2367,
0.3217

86.7168, 0.2811,
0.3267

73.1263, 0.2301,
0.3204

91.0212, 0.2957,
0.3279

71.7568, 0.2254,
0.3191

95.9199, 0.3111,
0.3289

70.7341, 0.2226,
0.3178

97.7643, 0.3152,
0.3298

70.0409, 0.2213,
0.3166

98.3760, 0.3151,
0.3308

98.9909, 0.3151,
0.3317

99.6088, 0.3150,
0.3326

99.7450, 0.3150,
0.3328

Harmonies

Analogous

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



79.7825, 0.2790, 0.3583



79.7825, 0.2556, 0.3243



79.7825, 0.2470, 0.2942

Triad

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



79.7825, 0.2556, 0.3243



79.7825, 0.3101, 0.2811



79.7825, 0.3731, 0.3814

Complementary

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



79.7825, 0.2556, 0.3243



45.0901, 0.4169, 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.



79.7825, 0.3831, 0.3579



79.7825, 0.2556, 0.3243



79.7825, 0.3457, 0.3017

Square

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



79.7825, 0.2556, 0.3243



79.7825, 0.2771, 0.2716



79.7825, 0.3730, 0.3290



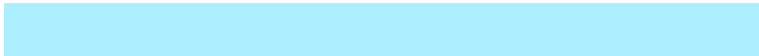
79.7825, 0.3467, 0.3922

Rectangle

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



79.7825, 0.2556, 0.3243



79.7825, 0.2503, 0.2803



79.7825, 0.3730, 0.3290



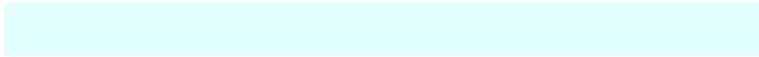
79.7825, 0.3786, 0.3746

Sweetspot

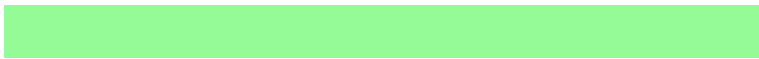
The Sweet Spot groups the original color and five complimentary colors.



79.7856, 0.2556, 0.3243



93.8975, 0.2942, 0.3278



77.5350, 0.3051, 0.4521



19.9673, 0.2923, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

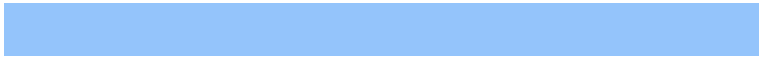
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7856, 0.2556, 0.3243



80.4410, 0.2472, 0.3233



52.7610, 0.2457, 0.2625



19.4865, 0.2980, 0.3280



36.8684, 0.2214, 0.3169



3.4495, 0.2218, 0.3184

Inverse Universe

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



48.3957, 0.3208, 0.2312



44.1508, 0.3225, 0.2141



65.3202, 0.3935, 0.3868



17.5123, 0.3144, 0.3065



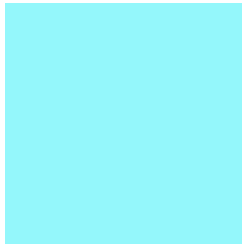
14.1328, 0.3309, 0.1596



1.3125, 0.3296, 0.1589

Previews

White Background



This preview shows how the Yxy color 79.7825, 0.2556, 0.3243 looks on a white background.

Color Contrast Check

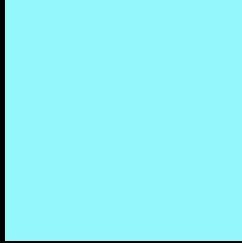
Large Text (above 18pt) WCAG AA × Fail

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 79.7825, 0.2556, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

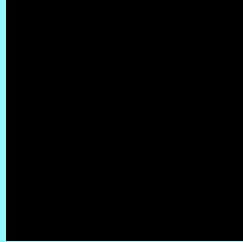
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.7825, 0.2556, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 79.7825, 0.2556, 0.3243.

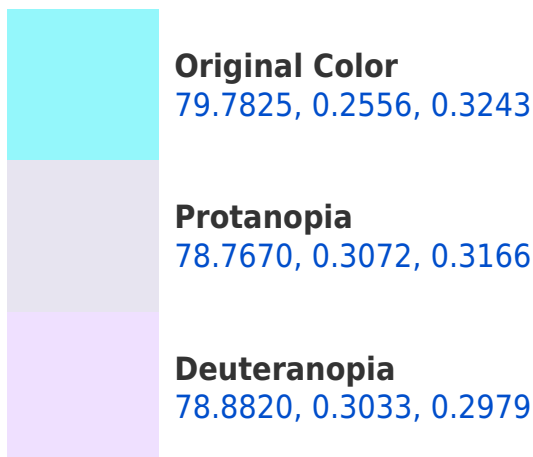


This preview shows how white text looks on a background with the Yxy color 79.7825, 0.2556, 0.3243.

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

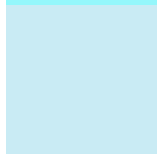
79.7143, 0.2679, 0.3136

Trichromacy



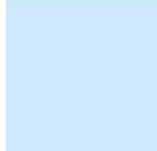
Original Color

79.7825, 0.2556, 0.3243



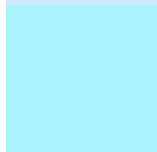
Protanomaly

78.3658, 0.2856, 0.3192



Deuteranomaly

77.9908, 0.2829, 0.3056



Tritanomaly

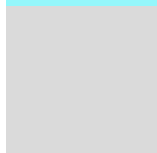
79.5818, 0.2630, 0.3167

Monochromacy



Original Color

79.7825, 0.2556, 0.3243



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

73.0893, 0.2884, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7825, 0.2556, 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(148, 247, 251)` looks like.

```
.text, #text, p{  
    color:rgb(148, 247, 251)  
}
```

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(148, 247, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 247, 251) }
```

Border

The CSS property to change the border of an element to Yxy 79.7825, 0.2556, 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(148, 247, 251) }
```

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

```
.border{ border-color:rgb(148, 247, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 247, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 247, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 247, 251);  
box-shadow:4px 4px 4px 4px rgb(148, 247,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7825, 0.2556, 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(148, 247, 251) }
```

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

```
.background{ background-color: rgb(148,  
247, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor