

Converting Colors

$Y_{xy}(79.0864, 0.2530, 0.3254)$

Have a look what the booklet for
Yxy(79.0864, 0.2530, 0.3254)
contains.

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Color

Yxy(79.0864, 0.2530, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	8DF7FA
RGB	141, 247, 250
RGB Percent	55%, 97%, 98%
CMY	0.4474, 0.0313, 0.0196
CMYK	0.44, 0.01, 0.00, 0.02
HSL	182°, 92%, 77%
HSV	182°, 44%, 98%
XYZ	61.4900, 79.0864, 102.4672
YIQ	215.6480, -64.1390, -21.5390

Conversions

Conversions Part 2

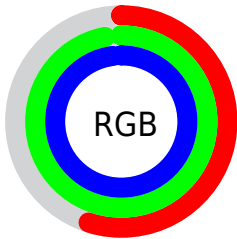
Format	Color
RYB	141, 195, 250
Decimal	9304058
CIELab	91.27, -29.95, -11.04
CIELCh	91, 31.915, 200.234
Yxy	79.0864, 0.2530, 0.3254
Android (android.graphics.Color)	4287494138 (0xFF8DF7FA)
YUV	215.6480, 16.9355, -65.4663
Hunter-Lab	88.9305, -32.2066, -6.0635

Details

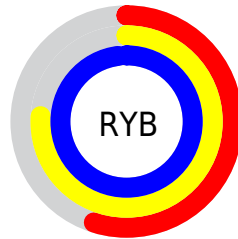
The Yxy color **79.0864, 0.2530, 0.3254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.1634, 0.4273, 0.3325**, and the grayscale version is **68.3223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **42.4713, 0.2397, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **76.7234, 0.2432, 0.3245**, and if you desaturate by 10%, it is **81.9515, 0.2645, 0.3263**.

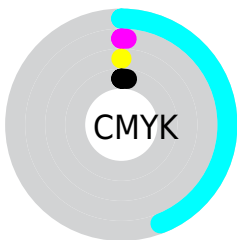
Distribution



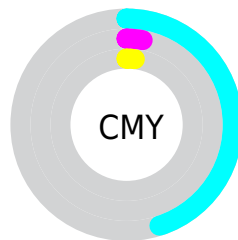
- Red (55%)
- Green (97%)
- Blue (98%)



- Red (55%)
- Yellow (76%)
- Blue (98%)



- Cyan (44%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)





- Cyan (45%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0864, 0.2530, 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 79.0864, 0.2530, 0.3254 by changing the saturation by 10% instead.

 79.0864, 0.2530,
0.3254

 79.0864, 0.2530,
0.3254


491.8486, 0.2797,
0.3277

 58.9668, 0.2471,
0.3248


 132.0805, 0.2621,
0.3263

 42.5864, 0.2400,
0.3239


 165.7238, 0.2656,
0.3266

 29.5608, 0.2312,
0.3227


204.6439, 0.2688,
0.3269

 19.5054, 0.2200,
0.3210

249.2250, 0.2715,
0.3271

 12.0361, 0.2053,
0.3184

299.8517, 0.2739,
0.3273

 6.7682, 0.1853,
0.3141

356.9082, 0.2760,

 3.3176, 0.1568,

0.3274

420.7791, 0.2780,
0.3276

0.3064

1.2997, 0.1030,
0.2941

0.1410, 0.0000,
0.1322

79.0864, 0.2530,
0.3254

79.0864, 0.2530,
0.3254

76.7234, 0.2432,
0.3245

81.9515, 0.2645,
0.3263

74.8197, 0.2353,
0.3235


85.3401, 0.2776,
0.3272

73.3403, 0.2293,
0.3226


89.2834, 0.2919,
0.3280

72.2413, 0.2253,
0.3217


93.8074, 0.3070,
0.3287


 71.4693, 0.2231,
0.3208


 96.8060, 0.3159,
0.3294

 71.0985, 0.2223,
0.3202

 97.2330, 0.3158,
0.3301

 97.6617, 0.3158,
0.3307

 98.0918, 0.3157,
0.3314

 98.5235, 0.3157,
0.3320

Harmonies

Analogous

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



79.0864, 0.2782, 0.3616



79.0864, 0.2530, 0.3254



79.0864, 0.2433, 0.2931

Triad

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



79.0864, 0.2530, 0.3254



79.0864, 0.3083, 0.2777



79.0864, 0.3776, 0.3836

Complementary

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



79.0864, 0.2530, 0.3254



42.1634, 0.4273, 0.3325

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.



79.0864, 0.3875, 0.3581



79.0864, 0.2530, 0.3254



79.0864, 0.3461, 0.2989

Square

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



79.0864, 0.2530, 0.3254



79.0864, 0.2736, 0.2682



79.0864, 0.3759, 0.3276



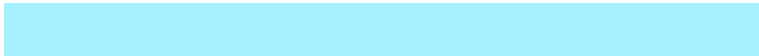
79.0864, 0.3501, 0.3960

Rectangle

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



79.0864, 0.2530, 0.3254



79.0864, 0.2463, 0.2781



79.0864, 0.3759, 0.3276



79.0864, 0.3832, 0.3762

Sweetspot

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



79.0895, 0.2530, 0.3254



93.6683, 0.2928, 0.3280



76.0036, 0.3054, 0.4634



19.8410, 0.2895, 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.



79.0895, 0.2530, 0.3254



80.6128, 0.2446, 0.3246



50.9831, 0.2418, 0.2598



19.5222, 0.2980, 0.3283



37.7491, 0.2223, 0.3204



3.5212, 0.2226, 0.3214

Inverse Universe

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



46.0672, 0.3203, 0.2245



42.2659, 0.3218, 0.2069



62.3046, 0.4007, 0.3885



17.5159, 0.3142, 0.3063



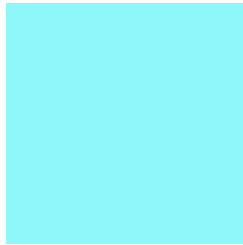
14.2217, 0.3279, 0.1580



1.3197, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 79.0864, 0.2530, 0.3254 looks on a white background.

Color Contrast Check

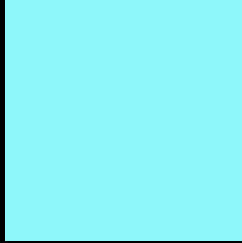
Large Text (above 18pt) WCAG AA × Fail

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 79.0864, 0.2530, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

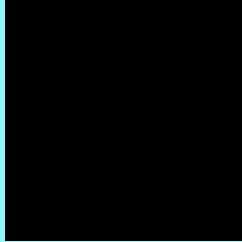
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

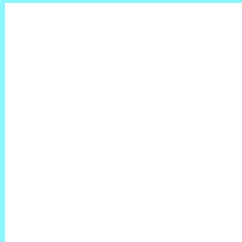
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0864, 0.2530, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 79.0864, 0.2530, 0.3254.

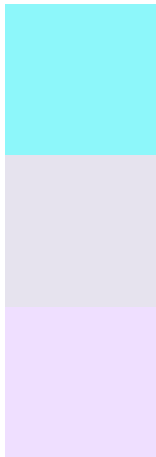


This preview shows how white text looks on a background with the Yxy color 79.0864, 0.2530, 0.3254.

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

79.0864, 0.2530, 0.3254

Protanopia

77.9342, 0.3078, 0.3176

Deuteranopia

78.3461, 0.3033, 0.2969



Tritanopia

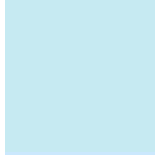
78.5388, 0.2651, 0.3123

Trichromacy



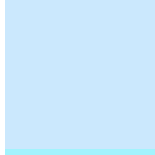
Original Color

79.0864, 0.2530, 0.3254



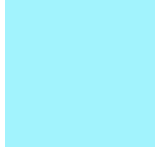
Protanomaly

77.2622, 0.2849, 0.3202



Deuteranomaly

77.5016, 0.2816, 0.3065



Tritanomaly

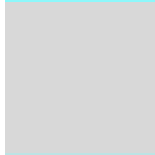
78.8744, 0.2605, 0.3177

Monochromacy



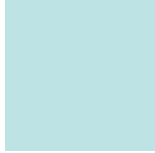
Original Color

79.0864, 0.2530, 0.3254



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

71.3584, 0.2869, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0864, 0.2530, 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(141, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(141, 247, 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(141, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 247, 250) }
```

Border

The CSS property to change the border of an element to Yxy 79.0864, 0.2530, 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(141, 247, 250) }
```

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

```
.border{ border-color:rgb(141, 247, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 247, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 247, 250); box-shadow:4px 4px 4px 4px rgb(141, 247, 250) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0864, 0.2530, 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(141, 247, 250) }
```

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

```
.background{ background-color: rgb(141,  
247, 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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