

Converting Colors

$Yxy(79.9122, 0.2570, 0.3256)$

Have a look what the booklet for
Yxy(79.9122, 0.2570, 0.3256)
contains.

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Color

Yxy(79.9077, 0.2570, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	96F7FA
RGB	150, 247, 250
RGB Percent	59%, 97%, 98%
CMY	0.4113, 0.0314, 0.0196
CMYK	0.40, 0.01, 0.00, 0.02
HSL	182°, 91%, 78%
HSV	182°, 40%, 98%
XYZ	63.1109, 79.9077, 102.5490
YIQ	218.3390, -58.7750, -19.6310

Conversions

Conversions Part 2

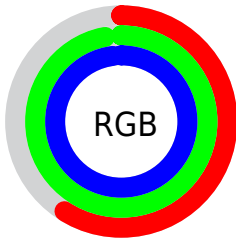
Format	Color
RYB	150, 199, 250
Decimal	9893882
CIELab	91.64, -27.77, -10.45
CIELCh	92, 29.676, 200.622
Yxy	79.9077, 0.2570, 0.3254
Android (android.graphics.Color)	4288083962 (0xFF96F7FA)
YUV	218.3390, 15.6089, -59.9333
Hunter-Lab	89.3911, -30.4119, -5.4434

Details

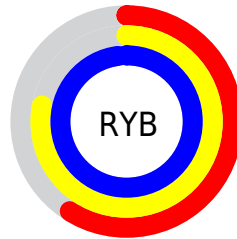
The Yxy color **79.9077, 0.2570, 0.3254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.3628, 0.4132, 0.3325**, and the grayscale version is **70.2978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **42.9973, 0.2445, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **77.3219, 0.2465, 0.3244**, and if you desaturate by 10%, it is **83.0077, 0.2691, 0.3264**.

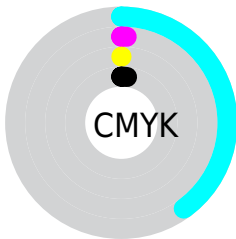
Distribution



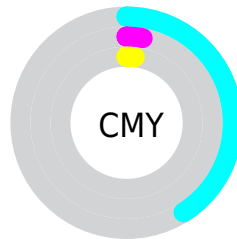
- Red (59%)
- Green (97%)
- Blue (98%)



- Red (59%)
- Yellow (78%)
- Blue (98%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)




- Cyan (41%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9077, 0.2570, 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 79.9077, 0.2570, 0.3254 by changing the saturation by 10% instead.


 79.9077, 0.2570,
0.3254

 79.9077, 0.2570,
0.3254

494.6217, 0.2819,
0.3276

 59.6424, 0.2515,
0.3248


 133.2360, 0.2655,
0.3263

 43.1305, 0.2449,
0.3240


 167.0677, 0.2688,
0.3266

 29.9875, 0.2366,
0.3229


206.1904, 0.2717,
0.3268

 19.8291, 0.2262,
0.3213

250.9884, 0.2742,
0.3270

 12.2709, 0.2124,
0.3189

301.8462, 0.2765,
0.3272

 6.9284, 0.1936,
0.3150


359.1480, 0.2785,


 3.4174, 0.1668,

0.3273

423.2784, 0.2803,
0.3275


0.3081

 1.3533, 0.1197,
0.2960


 0.1819, 0.0000,
0.1638


 79.9077, 0.2570,
0.3254


 79.9077, 0.2570,
0.3254


 77.3219, 0.2465,
0.3244


 83.0077, 0.2691,
0.3264


 75.2084, 0.2379,
0.3234

 86.6422, 0.2827,
0.3273

 73.5342, 0.2312,
0.3223

 90.8415, 0.2973,
0.3282

 72.2579, 0.2264,
0.3213

 95.6312, 0.3128,
0.3290

71.3301, 0.2235,
0.3203

97.0161, 0.3158,
0.3297

70.6696, 0.2220,
0.3193

97.4899, 0.3158,
0.3305

70.6668, 0.2220,
0.3193

97.9656, 0.3157,
0.3312

98.4432, 0.3157,
0.3319

98.9227, 0.3157,
0.3326

Harmonies

Analogous

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



79.9077, 0.2804, 0.3587



79.9077, 0.2570, 0.3254



79.9077, 0.2481, 0.2955

Triad

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



79.9077, 0.2570, 0.3254



79.9077, 0.3091, 0.2814



79.9077, 0.3727, 0.3801

Complementary

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



79.9077, 0.2570, 0.3254



45.3628, 0.4132, 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.



79.9077, 0.3819, 0.3566



79.9077, 0.2570, 0.3254



79.9077, 0.3442, 0.3014

Square

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



79.9077, 0.2570, 0.3254



79.9077, 0.2768, 0.2724



79.9077, 0.3714, 0.3282



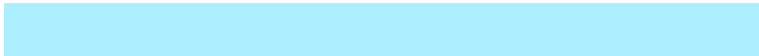
79.9077, 0.3471, 0.3911

Rectangle

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



79.9077, 0.2570, 0.3254



79.9077, 0.2510, 0.2816



79.9077, 0.3714, 0.3282



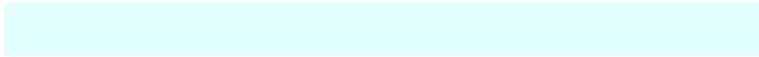
79.9077, 0.3779, 0.3733

Sweetspot

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



79.9108, 0.2570, 0.3254



94.0610, 0.2943, 0.3280



77.1345, 0.3061, 0.4503



20.0061, 0.2923, 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.



79.9108, 0.2570, 0.3254



81.3500, 0.2484, 0.3246



53.9701, 0.2478, 0.2667



19.5130, 0.2980, 0.3282



37.5203, 0.2221, 0.3195



3.5026, 0.2224, 0.3207

Inverse Universe

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



48.8917, 0.3198, 0.2329



44.9091, 0.3214, 0.2153



64.6471, 0.3916, 0.3835



17.5150, 0.3143, 0.3063



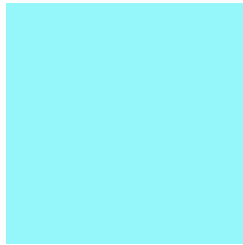
14.1986, 0.3286, 0.1584



1.3178, 0.3276, 0.1579

Previews

White Background



This preview shows how the Yxy color 79.9077, 0.2570, 0.3254 looks on a white background.

Color Contrast Check

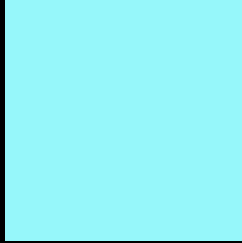
Large Text (above 18pt) WCAG AA × Fail

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 79.9077, 0.2570, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

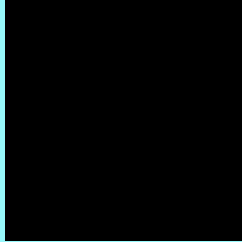
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.9077, 0.2570, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 79.9077, 0.2570, 0.3254.

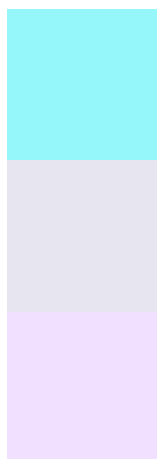


This preview shows how white text looks on a background with the Yxy color 79.9077, 0.2570, 0.3254.

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

79.9077, 0.2570, 0.3254

Protanopia

79.2595, 0.3078, 0.3186

Deuteranopia

79.2321, 0.3046, 0.2980



Tritanopia

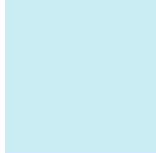
79.8339, 0.2684, 0.3136

Trichromacy



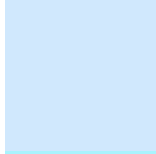
Original Color

79.9077, 0.2570, 0.3254



Protanomaly

79.0185, 0.2869, 0.3214



Deuteranomaly

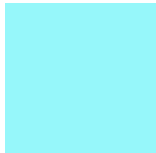
78.2150, 0.2847, 0.3067



Tritanomaly

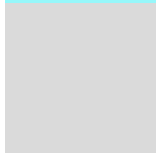
79.6280, 0.2640, 0.3178

Monochromacy



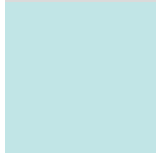
Original Color

79.9077, 0.2570, 0.3254



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 79.9077, 0.2570, 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(150, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 247, 250) }
```

Border

The CSS property to change the border of an element to Yxy 79.9077, 0.2570, 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(150, 247, 250) }
```

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

```
.border{ border-color:rgb(150, 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(150, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(150, 247,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9077, 0.2570, 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(150, 247, 250) }
```

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

```
.background{ background-color: rgb(150,  
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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