

Converting Colors

$Yxy(80.7123, 0.2523, 0.2923)$

Have a look what the booklet for
Yxy(80.7123, 0.2523, 0.2923)
contains.

Yxy(79.0491, 0.2623, 0.3144)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.0491, 0.2623, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	A8F2FF
RGB	168, 242, 255
RGB Percent	66%, 95%, 100%
CMY	0.3413, 0.0510, 0.0000
CMYK	0.34, 0.05, 0.00, 0.00
HSL	189°, 100%, 83%
HSV	189°, 34%, 100%
XYZ	65.9497, 79.0491, 106.4297
YIQ	221.3560, -48.2770, -11.6450

Conversions

Conversions Part 2

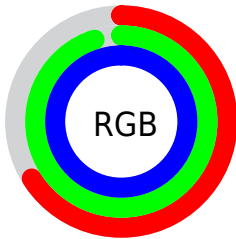
Format	Color
RYB	168, 208, 255
Decimal	11072255
CIELab	91.26, -19.66, -13.56
CIELCh	91, 23.885, 214.596
Yxy	79.0491, 0.2623, 0.3144
Android (android.graphics.Color)	4289262335 (0xFFA8F2FF)
YUV	221.3560, 16.5865, -46.7932
Hunter-Lab	88.9096, -23.1873, -8.7367

Details

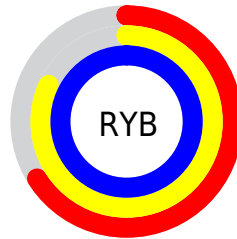
The Yxy color **79.0491, 0.2623, 0.3144** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.1140, 0.3891, 0.3429**, and the grayscale version is **72.4697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **42.6398, 0.2515, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **74.2777, 0.2497, 0.3095**, and if you desaturate by 10%, it is **84.4163, 0.2762, 0.3191**.

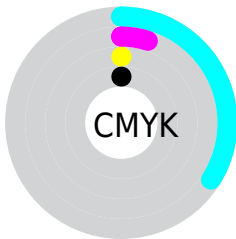
Distribution



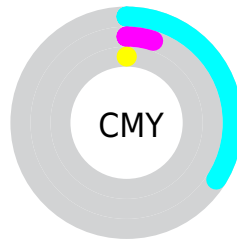
- Red (66%)
- Green (95%)
- Blue (100%)



- Red (66%)
- Yellow (82%)
- Blue (100%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)




- Cyan (34%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0491, 0.2623, 0.3144 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 79.0491, 0.2623, 0.3144 by changing the saturation by 10% instead.


 79.0491, 0.2623,
0.3144

 79.0491, 0.2623,
0.3144


491.7224, 0.2849,
0.3215

 58.9362, 0.2573,
0.3127


 132.0280, 0.2700,
0.3169

 42.5617, 0.2513,
0.3106

165.6627, 0.2730,
0.3179

 29.5414, 0.2438,
0.3079


204.5735, 0.2756,
0.3187

 19.4908, 0.2342,
0.3042

249.1448, 0.2779,
0.3194

 12.0254, 0.2216,
0.2991

299.7610, 0.2800,
0.3200

 6.7610, 0.2044,
0.2916

356.8063, 0.2818,

 3.3131, 0.1796,

0.3206

0.2796

420.6654, 0.2834,
0.3211

■ 1.2973, 0.1402,
0.2582

■ 0.1391, 0.0000,
0.1117

■ 79.0491, 0.2623,
0.3144

■ 79.0491, 0.2623,
0.3144

■ 74.2777, 0.2497,
0.3095

■ 84.4163, 0.2762,
0.3191

■ 70.0697, 0.2385,
0.3044

■ 90.4092, 0.2909,
0.3235

■ 66.3892, 0.2291,
0.2990

■ 97.0557, 0.3063,
0.3275

■ 63.1957, 0.2217,
0.2937

100.0000, 0.3127,
0.3290

■ 60.4426, 0.2162,
0.2883

■ 58.0725, 0.2126,
0.2830

■ 56.8127, 0.2111,
0.2799

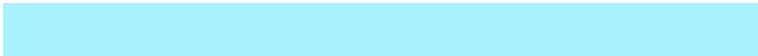
Harmonies

Analogous

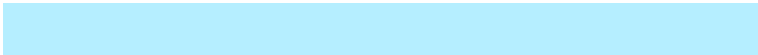
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0491, 0.2764, 0.3408



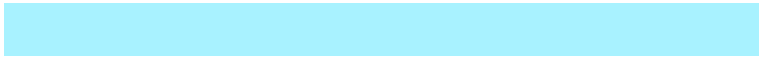
79.0491, 0.2623, 0.3144



79.0491, 0.2610, 0.2937

Triad

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



79.0491, 0.2623, 0.3144



79.0491, 0.3234, 0.2967



79.0491, 0.3531, 0.3761

Complementary

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



79.0491, 0.2623, 0.3144



57.1140, 0.3891, 0.3429

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.



79.0491, 0.3670, 0.3616



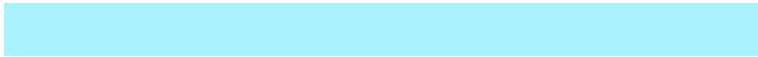
79.0491, 0.2623, 0.3144



79.0491, 0.3496, 0.3164

Square

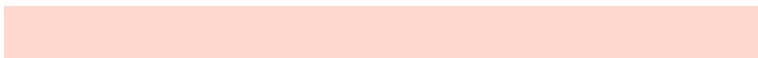
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



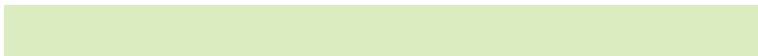
79.0491, 0.2623, 0.3144



79.0491, 0.2952, 0.2848



79.0491, 0.3659, 0.3397



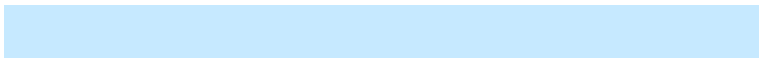
79.0491, 0.3285, 0.3779

Rectangle

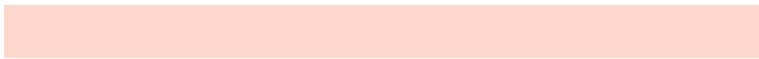
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0491, 0.2623, 0.3144



79.0491, 0.2675, 0.2856



79.0491, 0.3659, 0.3397



79.0491, 0.3592, 0.3725

Sweetspot

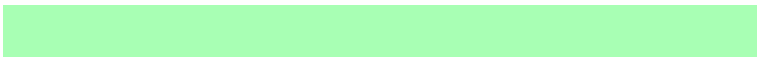
The Sweet Spot groups the original color and five complimentary colors.



79.0491, 0.2623, 0.3145



93.0758, 0.2972, 0.3252



83.1180, 0.3019, 0.4176



19.7253, 0.2951, 0.3246



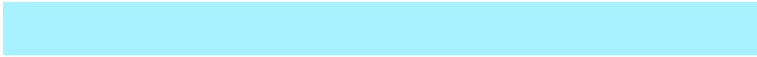
0.0000, 0.0000, 0.0000



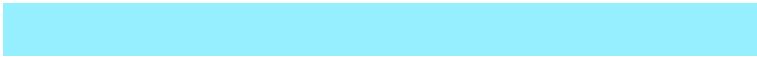
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0491, 0.2623, 0.3145



75.7106, 0.2535, 0.3111



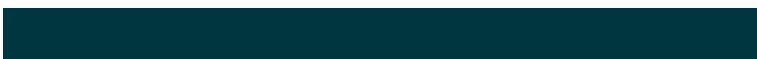
56.7908, 0.2558, 0.2650



19.9921, 0.2980, 0.3254



29.8613, 0.2113, 0.2808



3.0275, 0.2130, 0.2868

Inverse Universe

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



55.6616, 0.3270, 0.2554



49.4719, 0.3306, 0.2410



76.9065, 0.3744, 0.3854



18.2510, 0.3161, 0.3090



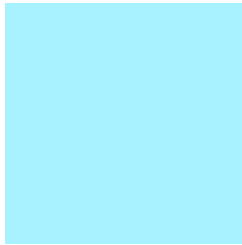
13.7425, 0.3627, 0.1772



1.3502, 0.3572, 0.1741

Previews

White Background



This preview shows how the Yxy color 79.0491, 0.2623, 0.3144 looks on a white background.

Color Contrast Check

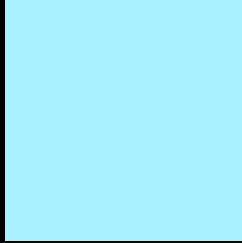
Large Text (above 18pt) WCAG AA × Fail

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 79.0491, 0.2623, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

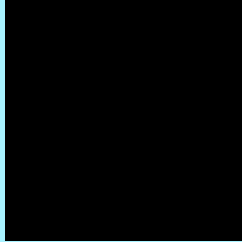
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0491, 0.2623, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 79.0491, 0.2623, 0.3144.

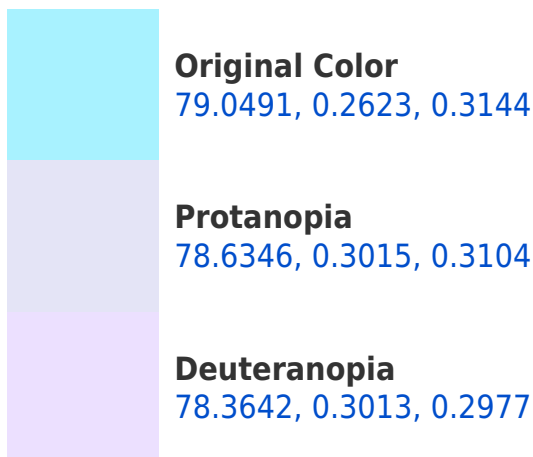


This preview shows how white text looks on a background with the Yxy color 79.0491, 0.2623, 0.3144.

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

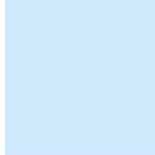
78.8981, 0.2692, 0.3114

Trichromacy



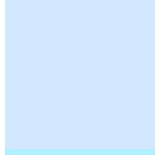
Original Color

79.0491, 0.2623, 0.3144



Protanomaly

78.2392, 0.2858, 0.3119



Deuteranomaly

78.2207, 0.2853, 0.3037



Tritanomaly

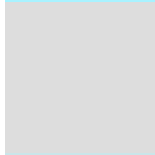
78.8873, 0.2667, 0.3124

Monochromacy



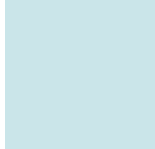
Original Color

79.0491, 0.2623, 0.3144



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

74.4784, 0.2923, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0491, 0.2623, 0.3144 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(168, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 242, 255)  
}
```

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(168, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 242, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.0491, 0.2623, 0.3144 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(168, 242, 255) }
```

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

```
.border{ border-color:rgb(168, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 242,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0491, 0.2623, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 242, 255) }
```

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

```
.background{ background-color: rgb(168,  
242, 255) }
```

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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