

Converting Colors

$Yxy(78.7627, 0.2674, 0.3119)$

Have a look what the booklet for
Yxy(78.7627, 0.2674, 0.3119)
contains.

Yxy(79.0052, 0.2672, 0.3124)	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(79.0052, 0.2672, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	B2F0FF
RGB	178, 240, 255
RGB Percent	70%, 94%, 100%
CMY	0.3019, 0.0588, 0.0000
CMYK	0.30, 0.06, 0.00, 0.00
HSL	192°, 100%, 85%
HSV	192°, 30%, 100%
XYZ	67.5742, 79.0052, 106.3181
YIQ	223.1720, -41.7670, -8.4790

Conversions

Conversions Part 2

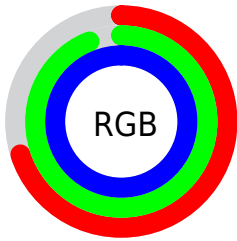
Format	Color
RYB	178, 212, 255
Decimal	11727103
CIELab	91.24, -15.97, -13.53
CIElCh	91, 20.929, 220.263
Yxy	79.0052, 0.2672, 0.3124
Android (android.graphics.Color)	4289917183 (0xFFB2F0FF)
YUV	223.1720, 15.6912, -39.6158
Hunter-Lab	88.8849, -19.8449, -8.6993

Details

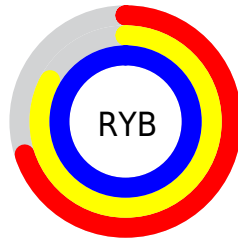
The Yxy color **79.0052, 0.2672, 0.3124** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.6173, 0.3764, 0.3449**, and the grayscale version is **73.8304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **42.5692, 0.2576, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **73.3801, 0.2536, 0.3061**, and if you desaturate by 10%, it is **85.2736, 0.2818, 0.3184**.

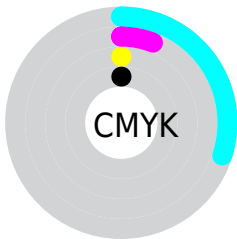
Distribution



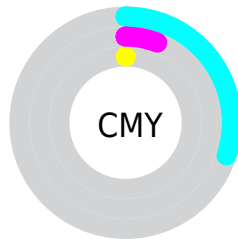
- Red (70%)
- Green (94%)
- Blue (100%)



- Red (70%)
- Yellow (83%)
- Blue (100%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0052, 0.2672, 0.3124 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 79.0052, 0.2672, 0.3124 by changing the saturation by 10% instead.


 79.0052, 0.2672,
0.3124

 79.0052, 0.2672,
0.3124


491.5739, 0.2876,
0.3203

 58.9001, 0.2627,
0.3105


 131.9662, 0.2742,
0.3152

 42.5327, 0.2572,
0.3082


165.5908, 0.2769,
0.3163

 29.5186, 0.2504,
0.3053


204.4908, 0.2793,
0.3172

 19.4735, 0.2417,
0.3014

249.0505, 0.2814,
0.3180

 12.0129, 0.2302,
0.2960

299.6542, 0.2832,
0.3187

 6.7525, 0.2144,
0.2882

356.6864, 0.2848,

 3.3078, 0.1914,

0.3193

0.2758

420.5315, 0.2863,
0.3198

1.2945, 0.1554,
0.2539

0.1369, 0.0000,
0.1106

79.0052, 0.2672,
0.3124

79.0052, 0.2672,
0.3124

73.3801, 0.2536,
0.3061

85.2736, 0.2818,
0.3184

68.3627, 0.2413,
0.2993

92.2108, 0.2969,
0.3239

63.9194, 0.2306,
0.2924

99.8454, 0.3124,
0.3289

60.0116, 0.2218,
0.2852

100.0000, 0.3127,
0.3290

■ 56.5948, 0.2148,
0.2780

■ 53.6162, 0.2099,
0.2709

■ 51.0375, 0.2067,
0.2640

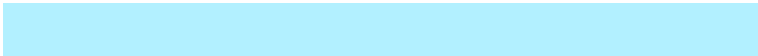
Harmonies

Analogous

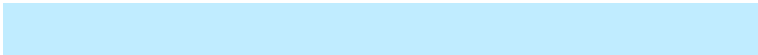
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0052, 0.2777, 0.3350



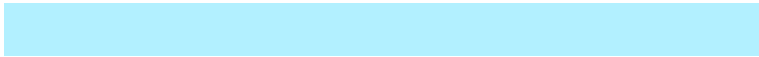
79.0052, 0.2672, 0.3124



79.0052, 0.2683, 0.2956

Triad

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



79.0052, 0.2672, 0.3124



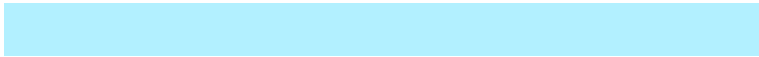
79.0052, 0.3269, 0.3034



79.0052, 0.3446, 0.3715

Complementary

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



79.0052, 0.2672, 0.3124



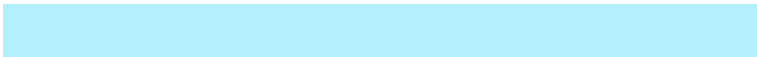
62.6173, 0.3764, 0.3449

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.



79.0052, 0.3589, 0.3608



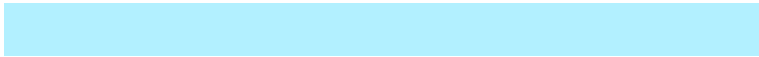
79.0052, 0.2672, 0.3124



79.0052, 0.3486, 0.3218

Square

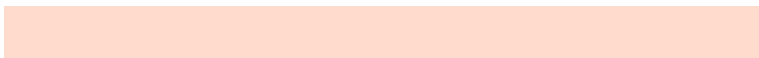
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0052, 0.2672, 0.3124



79.0052, 0.3019, 0.2913



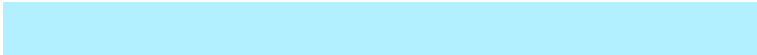
79.0052, 0.3605, 0.3425



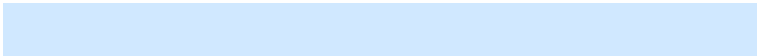
79.0052, 0.3220, 0.3704

Rectangle

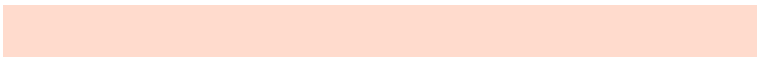
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0052, 0.2672, 0.3124



79.0052, 0.2754, 0.2896



79.0052, 0.3605, 0.3425



79.0052, 0.3506, 0.3691

Sweetspot

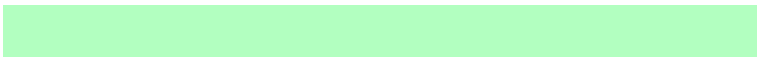
The Sweet Spot groups the original color and five complimentary colors.



79.0065, 0.2672, 0.3124



93.0847, 0.2988, 0.3245



84.7970, 0.3011, 0.4011



19.6962, 0.2965, 0.3238



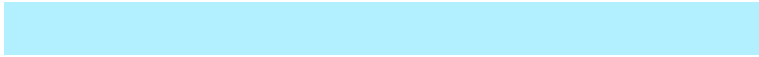
0.0000, 0.0000, 0.0000



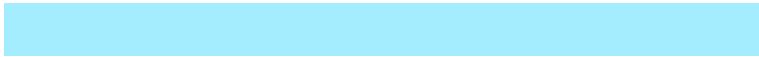
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0065, 0.2672, 0.3124



75.6634, 0.2592, 0.3088



59.1092, 0.2623, 0.2690



19.8446, 0.2980, 0.3243



26.8813, 0.2070, 0.2651



2.7640, 0.2092, 0.2732

Inverse Universe

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



59.3949, 0.3278, 0.2671



53.6467, 0.3315, 0.2552



81.4134, 0.3652, 0.3824



18.2361, 0.3168, 0.3101



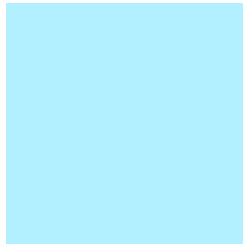
13.4417, 0.3774, 0.1853



1.3236, 0.3698, 0.1811

Previews

White Background



This preview shows how the Yxy color 79.0052, 0.2672, 0.3124 looks on a white background.

Color Contrast Check

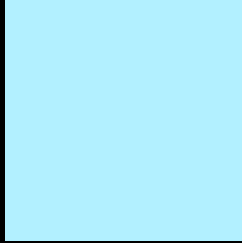
Large Text (above 18pt) WCAG AA × Fail

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 79.0052, 0.2672, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

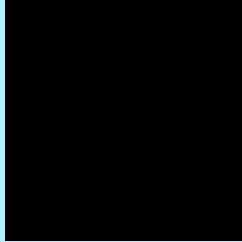
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0052, 0.2672, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 79.0052, 0.2672, 0.3124.

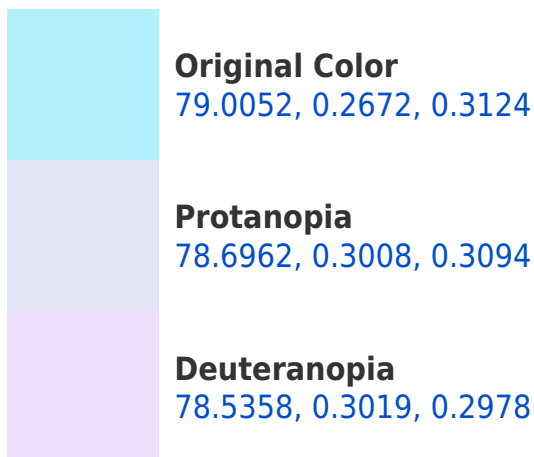


This preview shows how white text looks on a background with the Yxy color 79.0052, 0.2672, 0.3124.

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

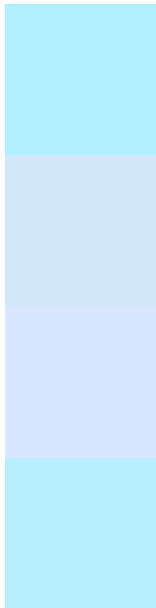




Tritanopia

78.8082, 0.2713, 0.3104

Trichromacy



Original Color

79.0052, 0.2672, 0.3124

Protanomaly

78.3170, 0.2876, 0.3099

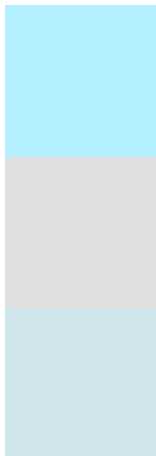
Deuteranomaly

78.4126, 0.2884, 0.3029

Tritanomaly

79.0203, 0.2698, 0.3114

Monochromacy



Original Color

79.0052, 0.2672, 0.3124

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

75.3022, 0.2943, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0052, 0.2672, 0.3124 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(178, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 240, 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(178, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 240, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.0052, 0.2672, 0.3124 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(178, 240, 255) }
```

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

```
.border{ border-color:rgb(178, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 240,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0052, 0.2672, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 240, 255) }
```

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

```
.background{ background-color: rgb(178,  
240, 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](#).

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