

Converting Colors

$Yxy(79.1239, 0.2677, 0.3125)$

Have a look what the booklet for
Yxy(79.1239, 0.2677, 0.3125)
contains.

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Color

Yxy(79.1239, 0.2677, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	B3F0FF
RGB	179, 240, 255
RGB Percent	70%, 94%, 100%
CMY	0.2984, 0.0587, 0.0001
CMYK	0.30, 0.06, 0.00, 0.00
HSL	192°, 100%, 85%
HSV	192°, 30%, 100%
XYZ	67.7807, 79.1239, 106.2919
YIQ	223.4710, -41.1710, -8.2670

Conversions

Conversions Part 2

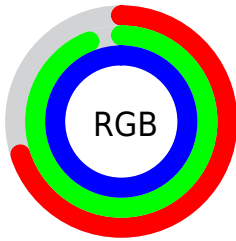
Format	Color
RYB	179, 213, 255
Decimal	11792639
CIELab	91.29, -15.75, -13.42
CIELCh	91, 20.689, 220.431
Yxy	79.1239, 0.2677, 0.3125
Android (android.graphics.Color)	4289982719 (0xFFB3F0FF)
YUV	223.4710, 15.5438, -39.0011
Hunter-Lab	88.9516, -19.6492, -8.5819

Details

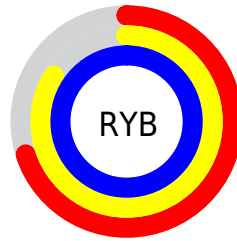
The Yxy color **79.1239, 0.2677, 0.3125** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.0278, 0.3754, 0.3448**, and the grayscale version is **74.0414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **42.6433, 0.2582, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **73.4556, 0.2541, 0.3061**, and if you desaturate by 10%, it is **85.4416, 0.2823, 0.3185**.

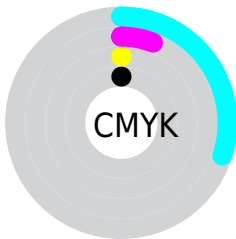
Distribution



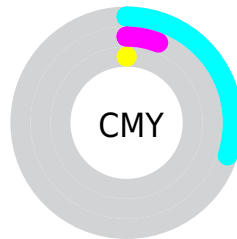
- Red (70%)
- Green (94%)
- Blue (100%)



- Red (70%)
- Yellow (84%)
- 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 79.1239, 0.2677, 0.3125 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 79.1239, 0.2677, 0.3125 by changing the saturation by 10% instead.


 79.1239, 0.2677,
0.3125

 79.1239, 0.2677,
0.3125


491.9754, 0.2879,
0.3204

 58.9977, 0.2632,
0.3107


 132.1333, 0.2746,
0.3153

 42.6113, 0.2578,
0.3084


165.7852, 0.2773,
0.3163

 29.5802, 0.2511,
0.3054


204.7145, 0.2796,
0.3172

 19.5202, 0.2424,
0.3016


249.3056, 0.2817,
0.3180

 12.0467, 0.2311,
0.2963

299.9428, 0.2835,
0.3187

 6.7755, 0.2154,
0.2885

357.0106, 0.2851,

 3.3221, 0.1927,

0.3193

0.2762

420.8933, 0.2866,
0.3199

■ 1.3021, 0.1571,
0.2546

■ 0.1428, 0.0000,
0.1150

■ 79.1239, 0.2677,
0.3125

■ 79.1239, 0.2677,
0.3125

■ 73.4556, 0.2541,
0.3061

■ 85.4416, 0.2823,
0.3185

■ 68.3957, 0.2417,
0.2993

■ 92.4285, 0.2975,
0.3240

■ 63.9125, 0.2309,
0.2923

99.9989, 0.3127,
0.3290

■ 59.9675, 0.2219,
0.2851

■ 56.5166, 0.2149,
0.2778

■ 53.5073, 0.2099,
0.2706

■ 50.8557, 0.2065,
0.2635

■ 50.8141, 0.2065,
0.2633

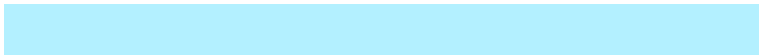
Harmonies

Analogous

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



79.1239, 0.2780, 0.3348



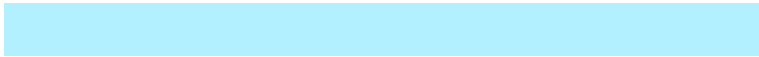
79.1239, 0.2677, 0.3125



79.1239, 0.2688, 0.2959

Triad

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



79.1239, 0.2677, 0.3125



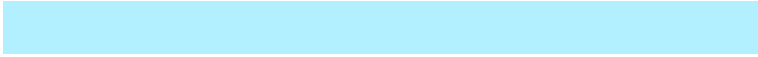
79.1239, 0.3268, 0.3038



79.1239, 0.3442, 0.3710

Complementary

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



79.1239, 0.2677, 0.3125



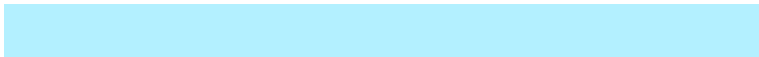
63.0278, 0.3754, 0.3448

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.



79.1239, 0.3583, 0.3606



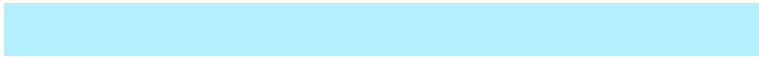
79.1239, 0.2677, 0.3125



79.1239, 0.3483, 0.3220

Square

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



79.1239, 0.2677, 0.3125



79.1239, 0.3022, 0.2918



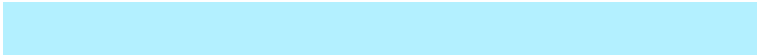
79.1239, 0.3600, 0.3425



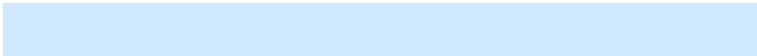
79.1239, 0.3218, 0.3698

Rectangle

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



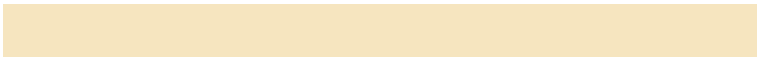
79.1239, 0.2677, 0.3125



79.1239, 0.2759, 0.2900



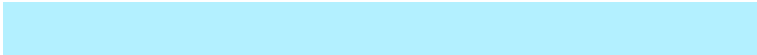
79.1239, 0.3600, 0.3425



79.1239, 0.3501, 0.3687

Sweetspot

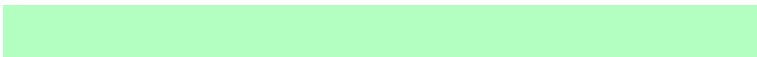
The Sweet Spot groups the original color and five complimentary colors.



79.1271, 0.2677, 0.3125



93.0594, 0.2988, 0.3245



84.9246, 0.3012, 0.4001



19.6899, 0.2965, 0.3237



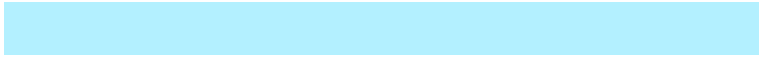
0.0000, 0.0000, 0.0000



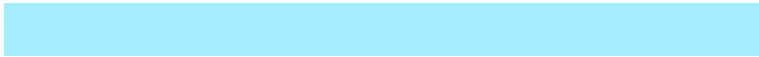
21.4041, 0.3127, 0.3290

Same Dimension

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



79.1271, 0.2677, 0.3125



75.5695, 0.2592, 0.3086



59.5001, 0.2629, 0.2699



19.8389, 0.2980, 0.3242



26.7700, 0.2068, 0.2645



2.7541, 0.2091, 0.2727

Inverse Universe

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



59.7506, 0.3277, 0.2680



53.6372, 0.3316, 0.2553



81.5980, 0.3645, 0.3818



18.2355, 0.3168, 0.3101



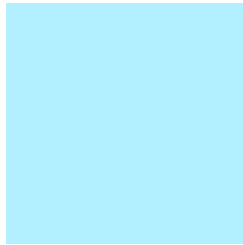
13.4304, 0.3780, 0.1856



1.3226, 0.3703, 0.1813

Previews

White Background



This preview shows how the Yxy color 79.1239, 0.2677, 0.3125 looks on a white background.

Color Contrast Check

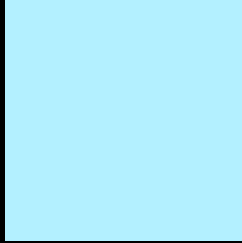
Large Text (above 18pt) WCAG AA × Fail

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 79.1239, 0.2677, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

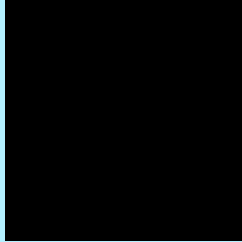
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.1239, 0.2677, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 79.1239, 0.2677, 0.3125.

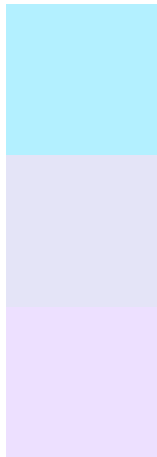


This preview shows how white text looks on a background with the Yxy color 79.1239, 0.2677, 0.3125.

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

79.1239, 0.2677, 0.3125

Protanopia

78.6962, 0.3008, 0.3094

Deuteranopia

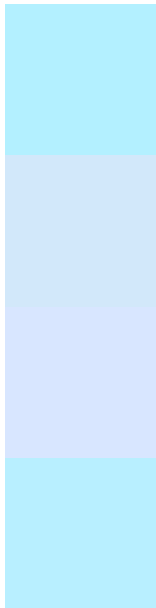
78.5358, 0.3019, 0.2978



Tritanopia

78.9339, 0.2718, 0.3105

Trichromacy



Original Color

79.1239, 0.2677, 0.3125

Protanomaly

78.3170, 0.2876, 0.3099

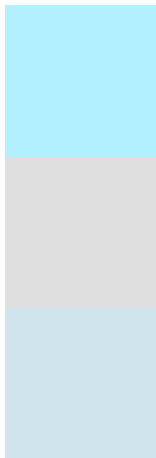
Deuteranomaly

78.4126, 0.2884, 0.3029

Tritanomaly

79.1434, 0.2703, 0.3115

Monochromacy



Original Color

79.1239, 0.2677, 0.3125

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 79.1239, 0.2677, 0.3125 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(179, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 240, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.1239, 0.2677, 0.3125 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(179, 240, 255) }
```

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

```
.border{ border-color:rgb(179, 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(179, 240, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 240,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1239, 0.2677, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 240, 255) }
```

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

```
.background{ background-color: rgb(179,  
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](#).

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