

Converting Colors

$Yxy(79.0389, 0.2823, 0.3314)$

Have a look what the booklet for
Yxy(79.0389, 0.2823, 0.3314)
contains.

Yxy(79.2534, 0.2827, 0.3322)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.2534, 0.2827, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	BDF0ED
RGB	189, 240, 237
RGB Percent	74%, 94%, 93%
CMY	0.2586, 0.0589, 0.0705
CMYK	0.21, 0.00, 0.01, 0.06
HSL	176°, 63%, 84%
HSV	176°, 21%, 94%
XYZ	67.4441, 79.2534, 91.8738
YIQ	224.4090, -29.4330, -11.7450

Conversions

Conversions Part 2

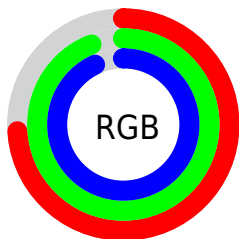
Format	Color
RYB	189, 215, 240
Decimal	12447981
CIELab	91.35, -16.74, -3.91
CIELCh	91, 17.191, 193.135
Yxy	79.2534, 0.2827, 0.3322
Android (android.graphics.Color)	4290638061 (0xFFBDF0ED)
YUV	224.4090, 6.2074, -31.0537
Hunter-Lab	89.0244, -20.5626, 1.1293

Details

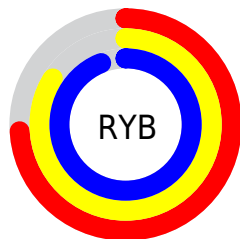
The Yxy color **79.2534, 0.2827, 0.3322** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.7510, 0.3531, 0.3259**, and the grayscale version is **74.8293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **42.7681, 0.2764, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **76.3544, 0.2701, 0.3339**, and if you desaturate by 10%, it is **82.6674, 0.2964, 0.3306**.

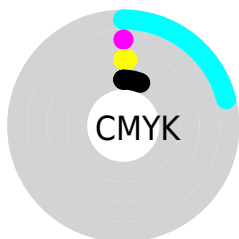
Distribution



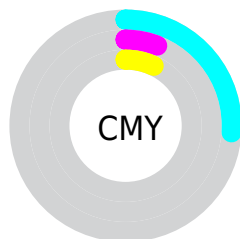
- Red (74%)
- Green (94%)
- Blue (93%)



- Red (74%)
- Yellow (84%)
- Blue (94%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)




- Cyan (26%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2534, 0.2827, 0.3322 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 79.2534, 0.2827, 0.3322 by changing the saturation by 10% instead.


 79.2534, 0.2827,
0.3322

 79.2534, 0.2827,
0.3322

492.4132, 0.2963,
0.3309

 59.1042, 0.2797,
0.3325


 132.3155, 0.2874,
0.3318

 42.6970, 0.2760,
0.3328

165.9972, 0.2892,
0.3316

 29.6474, 0.2713,
0.3331


204.9586, 0.2908,
0.3314

 19.5711, 0.2653,
0.3336

249.5839, 0.2921,
0.3313

 12.0837, 0.2573,
0.3341

300.2576, 0.2934,
0.3312

 6.8007, 0.2461,
0.3347

357.3641, 0.2945,

 3.3378, 0.2292,

0.3311

421.2879, 0.2954,
0.3310

0.3352

1.3105, 0.2010,
0.3354

0.1493, 0.0000,
0.2552

79.2534, 0.2827,
0.3322

79.2534, 0.2827,
0.3322

76.3544, 0.2701,
0.3339

82.6674, 0.2964,
0.3306

73.9357, 0.2590,
0.3357


86.6099, 0.3109,
0.3292


71.9734, 0.2495,
0.3376

89.9393, 0.3219,
0.3278


70.4380, 0.2418,
0.3395

90.0236, 0.3210,
0.3265

 69.2960, 0.2361,
0.3415

 90.1085, 0.3201,
0.3251


 68.5093, 0.2323,
0.3435

 90.1940, 0.3193,
0.3238

 68.0323, 0.2303,
0.3454

 90.2802, 0.3184,
0.3224

 67.8044, 0.2298,
0.3471

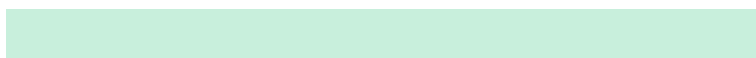
 90.3670, 0.3175,
0.3210

 90.4545, 0.3167,
0.3197

Harmonies

Analogous

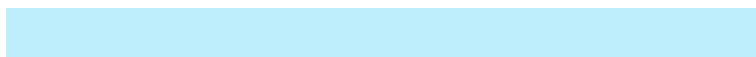
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2534, 0.2986, 0.3502



79.2534, 0.2827, 0.3322



79.2534, 0.2748, 0.3140

Triad

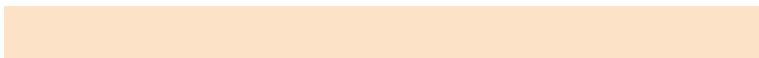
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2534, 0.2827, 0.3322



79.2534, 0.3059, 0.2985



79.2534, 0.3499, 0.3565

Complementary

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



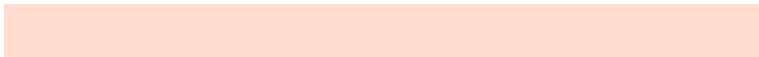
79.2534, 0.2827, 0.3322



58.7510, 0.3531, 0.3259

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.



79.2534, 0.3522, 0.3420



79.2534, 0.2827, 0.3322



79.2534, 0.3263, 0.3091

Square

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



79.2534, 0.2827, 0.3322



79.2534, 0.2878, 0.2953



79.2534, 0.3435, 0.3248



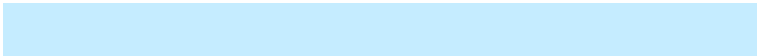
79.2534, 0.3374, 0.3642

Rectangle

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



79.2534, 0.2827, 0.3322



79.2534, 0.2749, 0.3043



79.2534, 0.3435, 0.3248



79.2534, 0.3519, 0.3522

Sweetspot

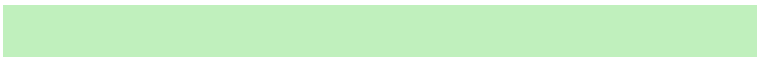
The Sweet Spot groups the original color and five complimentary colors.



79.2566, 0.2827, 0.3322



97.1553, 0.3039, 0.3298



77.2575, 0.3122, 0.3877



20.7319, 0.3029, 0.3299



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.



79.2566, 0.2827, 0.3322



89.6112, 0.2777, 0.3328



67.2183, 0.2794, 0.3040



17.9121, 0.2989, 0.3304



37.1272, 0.2297, 0.3468



3.0935, 0.2290, 0.3442

Inverse Universe

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



58.7510, 0.3531, 0.3259



62.5698, 0.3627, 0.3253



68.8530, 0.3507, 0.3528



15.7738, 0.3284, 0.3277



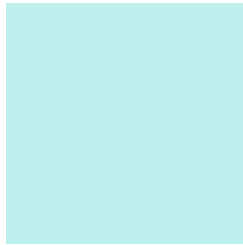
10.1646, 0.6339, 0.3266



0.8508, 0.6182, 0.3179

Previews

White Background



This preview shows how the Yxy color 79.2534, 0.2827, 0.3322 looks on a white background.

Color Contrast Check

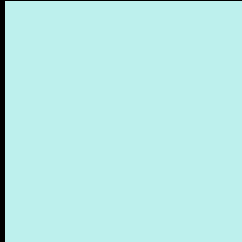
Large Text (above 18pt) WCAG AA × Fail

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 79.2534, 0.2827, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

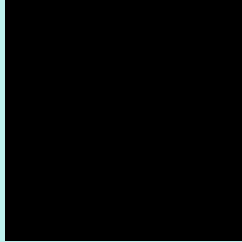
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2534, 0.2827, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 79.2534, 0.2827, 0.3322.

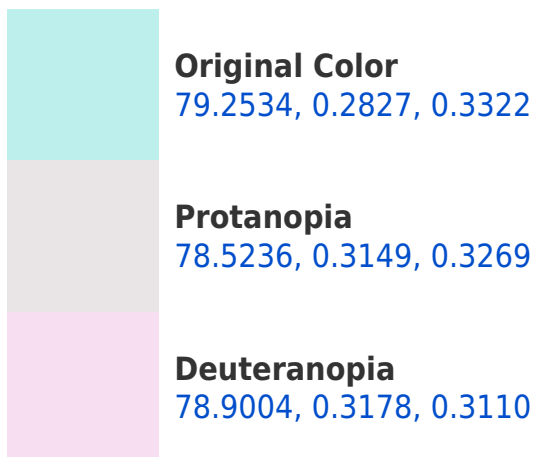


This preview shows how white text looks on a background with the Yxy color 79.2534, 0.2827, 0.3322.

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

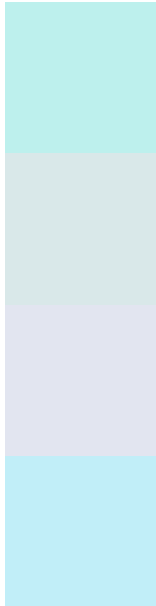




Tritanopia

79.3905, 0.2763, 0.3096

Trichromacy



Original Color

79.2534, 0.2827, 0.3322

Protanomaly

78.3481, 0.3021, 0.3279

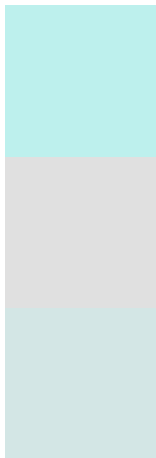
Deuteranomaly

78.4986, 0.3038, 0.3175

Tritanomaly

79.2638, 0.2789, 0.3181

Monochromacy



Original Color

79.2534, 0.2827, 0.3322

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

76.0997, 0.3006, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2534, 0.2827, 0.3322 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(189, 240, 237)` looks like.

```
.text, #text, p{  
    color:rgb(189, 240, 237)  
}
```

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(189, 240, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 240, 237) }
```

Border

The CSS property to change the border of an element to Yxy 79.2534, 0.2827, 0.3322 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(189, 240, 237) }
```

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

```
.border{ border-color:rgb(189, 240, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 240, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 240, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 240, 237);  
box-shadow:4px 4px 4px 4px rgb(189, 240,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2534, 0.2827, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 240, 237) }
```

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

```
.background{ background-color: rgb(189,  
240, 237) }
```

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