

Converting Colors

$Yxy(79.7477, 0.2871, 0.3283)$

Have a look what the booklet for
Yxy(79.7477, 0.2871, 0.3283)
contains.

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Color

Yxy(79.5232, 0.2874, 0.3278)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C7EEEE |
| RGB | 199, 238, 239 |
| RGB Percent | 78%, 93%, 94% |
| CMY | 0.2194, 0.0667, 0.0627 |
| CMYK | 0.17, 0.00, 0.00, 0.06 |
| HSL | 182°, 56%, 86% |
| HSV | 182°, 17%, 94% |
| XYZ | 69.7223, 79.5232, 93.3512 |
| YIQ | 226.4530, -23.5650, -7.9570 |

Conversions

Conversions Part 2

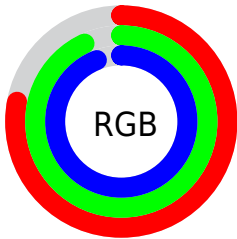
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 199, 219, 239 |
| Decimal | 13102831 |
| CIE _{Lab} | 91.47, -12.30, -4.70 |
| CIE _{LCh} | 91, 13.168, 200.931 |
| Yxy | 79.5232, 0.2874, 0.3278 |
| Android (android.graphics.Color) | 4291292911 (0xFFC7EEEF) |
| YUV | 226.4530, 6.1857, -24.0763 |
| Hunter-Lab | 89.1758, -16.4970, 0.3569 |

Details

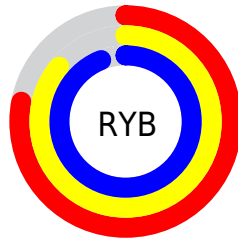
The Yxy color **79.5232, 0.2874, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.8346, 0.3445, 0.3302**, and the grayscale version is **76.3759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8041, 0.2814, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **76.1492, 0.2735, 0.3270**, and if you desaturate by 10%, it is **83.4186, 0.3023, 0.3285**.

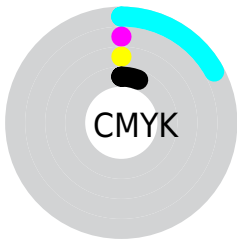
Distribution



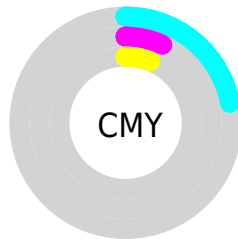
- Red (78%)
- Green (93%)
- Blue (94%)



- Red (78%)
- Yellow (86%)
- Blue (94%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.5232, 0.2874, 0.3278 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 79.5232, 0.2874, 0.3278 by changing the saturation by 10% instead.

■ 79.5232, 0.2874,
0.3278

■ 79.5232, 0.2874,
0.3278

493.3245, 0.2989,
0.3285

■ 59.3261, 0.2848,
0.3276

132.6952, 0.2913,
0.3280

■ 42.8757, 0.2817,
0.3274

166.4388, 0.2929,
0.3281

■ 29.7876, 0.2778,
0.3271

205.4667, 0.2942,
0.3282

■ 19.6774, 0.2727,
0.3267

250.1633, 0.2954,
0.3283

■ 12.1608, 0.2660,
0.3260

300.9130, 0.2964,
0.3283

■ 6.8533, 0.2565,
0.3250

358.1002, 0.2973,

■ 3.3705, 0.2422,

0.3284

422.1092, 0.2981,
0.3284

0.3232

1.3281, 0.2185,
0.3194

0.1628, 0.0000,
0.2434

79.5232, 0.2874,
0.3278

79.5232, 0.2874,
0.3278

76.1492, 0.2735,
0.3270

83.4186, 0.3023,
0.3285

73.2628, 0.2609,
0.3262


87.8478, 0.3179,
0.3292

70.8414, 0.2499,
0.3253

89.7203, 0.3233,
0.3298

68.8570, 0.2407,
0.3245


90.0844, 0.3232,
0.3304


 67.2783, 0.2334,
0.3236

 90.4497, 0.3232,
0.3310


 66.0700, 0.2281,
0.3227

 90.8163, 0.3231,
0.3316


 65.1906, 0.2246,
0.3218

 91.1841, 0.3231,
0.3322

 64.5876, 0.2228,
0.3210

 91.5531, 0.3230,
0.3328

 64.4221, 0.2224,
0.3207

 91.9234, 0.3230,
0.3334

Harmonies

Analogous

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



79.5232, 0.2983, 0.3418



79.5232, 0.2874, 0.3278



79.5232, 0.2832, 0.3145

Triad

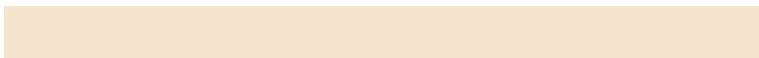
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5232, 0.2874, 0.3278



79.5232, 0.3116, 0.3071



79.5232, 0.3394, 0.3523

Complementary

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



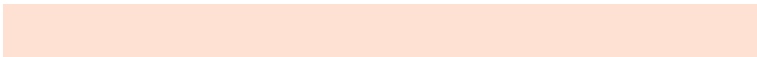
79.5232, 0.2874, 0.3278



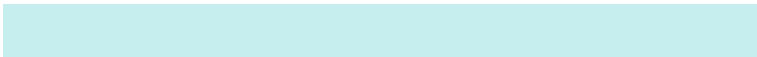
63.8346, 0.3445, 0.3302

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.



79.5232, 0.3432, 0.3424



79.5232, 0.2874, 0.3278



79.5232, 0.3270, 0.3166

Square

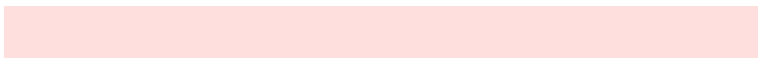
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



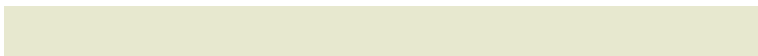
79.5232, 0.2874, 0.3278



79.5232, 0.2969, 0.3030



79.5232, 0.3387, 0.3294



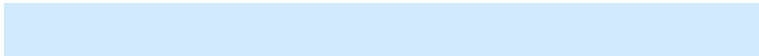
79.5232, 0.3283, 0.3561

Rectangle

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



79.5232, 0.2874, 0.3278



79.5232, 0.2846, 0.3079



79.5232, 0.3387, 0.3294



79.5232, 0.3416, 0.3495

Sweetspot

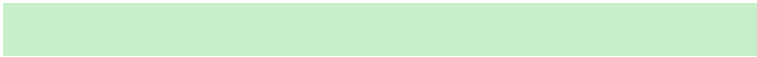
The Sweet Spot groups the original color and five complimentary colors.



79.5265, 0.2874, 0.3278



97.4514, 0.3049, 0.3287



78.0539, 0.3102, 0.3734



20.7847, 0.3038, 0.3286



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.



79.5265, 0.2874, 0.3278



90.7392, 0.2826, 0.3275



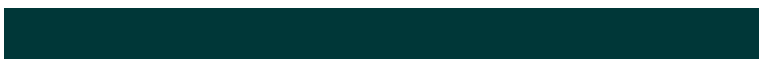
68.7227, 0.2864, 0.3060



17.8547, 0.2981, 0.3283



35.6257, 0.2225, 0.3209



2.9857, 0.2228, 0.3220

Inverse Universe

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



65.4034, 0.3154, 0.2886



71.5811, 0.3160, 0.2804



73.5146, 0.3411, 0.3510



16.0239, 0.3142, 0.3063



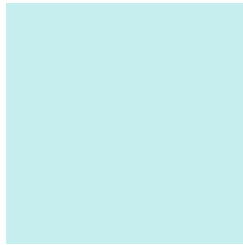
13.3898, 0.3275, 0.1578



1.1161, 0.3265, 0.1573

Previews

White Background



This preview shows how the Yxy color 79.5232, 0.2874, 0.3278 looks on a white background.

Color Contrast Check

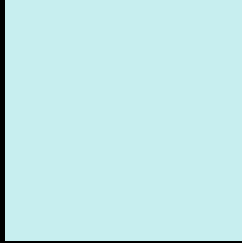
Large Text (above 18pt) WCAG AA × Fail

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 79.5232, 0.2874, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

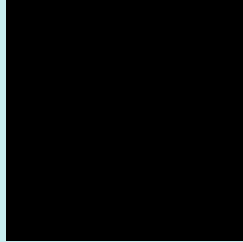
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.5232, 0.2874, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 79.5232, 0.2874, 0.3278.

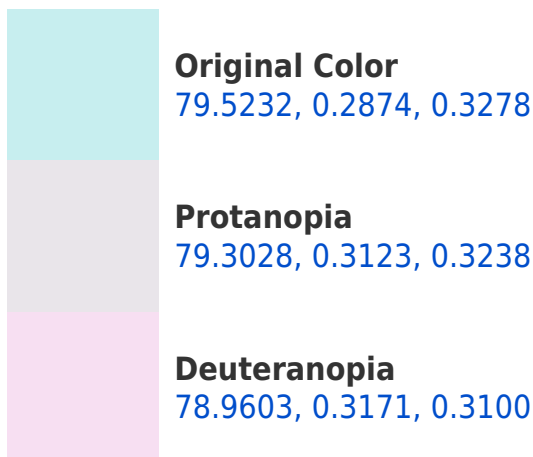


This preview shows how white text looks on a background with the Yxy color 79.5232, 0.2874, 0.3278.

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

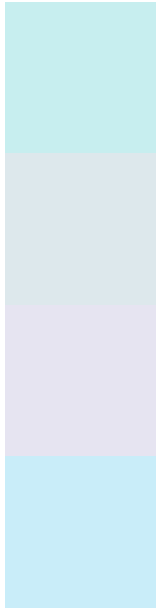




Tritanopia

79.7032, 0.2808, 0.3098

Trichromacy



Original Color

79.5232, 0.2874, 0.3278

Protanomaly

79.1415, 0.3029, 0.3248

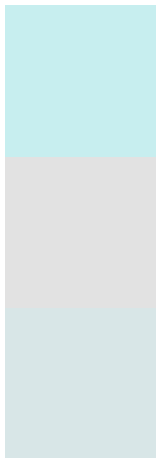
Deuteranomaly

78.6607, 0.3059, 0.3155

Tritanomaly

79.8254, 0.2830, 0.3161

Monochromacy



Original Color

79.5232, 0.2874, 0.3278

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.9621, 0.3027, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5232, 0.2874, 0.3278 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(199, 238, 239)` looks like.

```
.text, #text, p{  
    color:rgb(199, 238, 239)  
}
```

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(199, 238, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 238, 239) }
```

Border

The CSS property to change the border of an element to Yxy 79.5232, 0.2874, 0.3278 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(199, 238, 239) }
```

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

```
.border{ border-color:rgb(199, 238, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 238, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 238, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 238, 239);  
box-shadow:4px 4px 4px 4px rgb(199, 238,  
239) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 79.5232, 0.2874, 0.3278$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 238, 239) }
```

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

```
.background{ background-color: rgb(199,  
238, 239) }
```

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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