

Converting Colors

$Yxy(77.3127, 0.2968, 0.3311)$

Have a look what the booklet for
Yxy(77.3127, 0.2968, 0.3311)
contains.

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Color

Yxy(77.3127, 0.2968, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	CFE9E7
RGB	207, 233, 231
RGB Percent	81%, 91%, 91%
CMY	0.1881, 0.0863, 0.0940
CMYK	0.11, 0.00, 0.01, 0.09
HSL	175°, 37%, 86%
HSV	175°, 11%, 91%
XYZ	69.3036, 77.3127, 86.8863
YIQ	224.9980, -14.8540, -6.1340

Conversions

Conversions Part 2

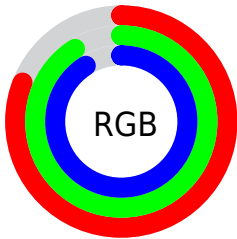
Format	Color
R_{YB}	207, 221, 233
Decimal	13625831
CIE _{Lab}	90.47, -8.87, -1.95
CIE _{LCh}	90, 9.082, 192.373
Yxy	77.3127, 0.2968, 0.3311
Android (android.graphics.Color)	4291815911 (0xFFCFE9E7)
YUV	224.9980, 2.9590, -15.7842
Hunter-Lab	87.9276, -13.1817, 2.9615

Details

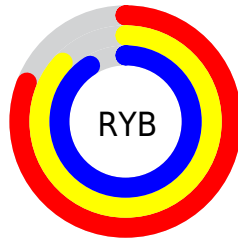
The Yxy color **77.3127, 0.2968, 0.3311** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.5683, 0.3312, 0.3269**, and the grayscale version is **75.2862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2148, 0.2931, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **74.1037, 0.2833, 0.3332**, and if you desaturate by 10%, it is **81.0245, 0.3111, 0.3292**.

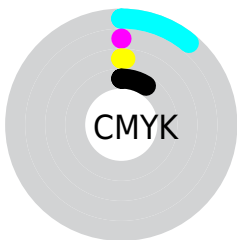
Distribution



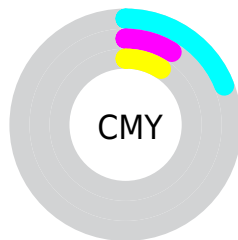
- Red (81%)
- Green (91%)
- Blue (91%)



- Red (81%)
- Yellow (87%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3127, 0.2968, 0.3311 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 77.3127, 0.2968, 0.3311 by changing the saturation by 10% instead.

■ 77.3127, 0.2968,
0.3311

■ 77.3127, 0.2968,
0.3311

485.8295, 0.3041,
0.3302

■ 57.5096, 0.2952,
0.3313

129.5808, 0.2993,
0.3308

■ 41.4145, 0.2931,
0.3315

162.8145, 0.3003,
0.3307

■ 28.6431, 0.2906,
0.3318

201.2939, 0.3011,
0.3306

■ 18.8110, 0.2873,
0.3322

245.4034, 0.3019,
0.3305

■ 11.5338, 0.2829,
0.3327

295.5273, 0.3025,
0.3304

■ 6.4271, 0.2766,
0.3334

352.0500, 0.3031,

■ 3.1065, 0.2669,

0.3303

0.3343

415.3559, 0.3036,
0.3302

■ 1.1876, 0.2502,
0.3356

■ 0.0515, 0.0000,
0.2114

■ 77.3127, 0.2968,
0.3311

■ 77.3127, 0.2968,
0.3311

■ 74.1037, 0.2833,
0.3332

■ 81.0245, 0.3111,
0.3292

■ 71.3660, 0.2710,
0.3354


■ 85.2495, 0.3258,
0.3275


■ 69.0798, 0.2599,
0.3378

■ 85.6106, 0.3256,
0.3258

■ 67.2198, 0.2506,
0.3402


■ 85.7143, 0.3244,
0.3240

 65.7585, 0.2430,
0.3428


 85.8190, 0.3233,
0.3223


 64.6650, 0.2374,
0.3454


 85.9247, 0.3222,
0.3206


 63.9038, 0.2337,
0.3480

 86.0314, 0.3210,
0.3189

 63.4327, 0.2318,
0.3505

 86.1392, 0.3199,
0.3171

 63.1960, 0.2313,
0.3528

 86.2480, 0.3188,
0.3154

Harmonies

Analogous

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



77.3127, 0.3055, 0.3403



77.3127, 0.2968, 0.3311



77.3127, 0.2923, 0.3215

Triad

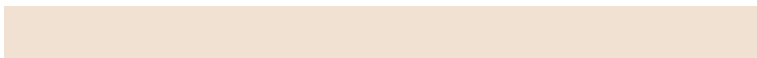
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3127, 0.2968, 0.3311



77.3127, 0.3089, 0.3123



77.3127, 0.3326, 0.3437

Complementary

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



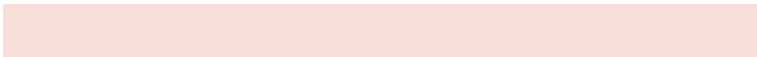
77.3127, 0.2968, 0.3311



66.5683, 0.3312, 0.3269

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.



77.3127, 0.3336, 0.3360



77.3127, 0.2968, 0.3311



77.3127, 0.3198, 0.3181

Square

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



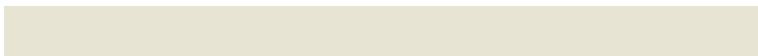
77.3127, 0.2968, 0.3311



77.3127, 0.2992, 0.3108



77.3127, 0.3288, 0.3267



77.3127, 0.3262, 0.3476

Rectangle

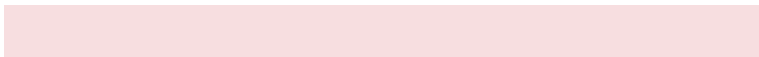
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3127, 0.2968, 0.3311



77.3127, 0.2923, 0.3162



77.3127, 0.3288, 0.3267



77.3127, 0.3336, 0.3414

Sweetspot

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



77.3159, 0.2968, 0.3311



98.5405, 0.3083, 0.3295



76.3656, 0.3128, 0.3579



21.0103, 0.3072, 0.3297



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.



77.3159, 0.2968, 0.3311



94.0847, 0.2941, 0.3315



71.4900, 0.2954, 0.3171



17.1010, 0.2991, 0.3308



35.8688, 0.2312, 0.3524



2.8225, 0.2302, 0.3488

Inverse Universe

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



66.5683, 0.3312, 0.3269



78.8248, 0.3348, 0.3265



71.8948, 0.3312, 0.3407



15.0726, 0.3281, 0.3272



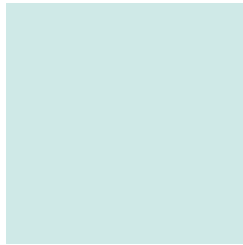
9.8609, 0.6317, 0.3254



0.7808, 0.6108, 0.3138

Previews

White Background



This preview shows how the Yxy color 77.3127, 0.2968, 0.3311 looks on a white background.

Color Contrast Check

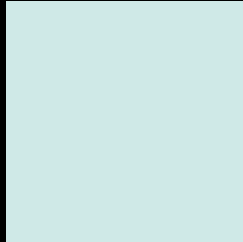
Large Text (above 18pt) WCAG AA × Fail

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 77.3127, 0.2968, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

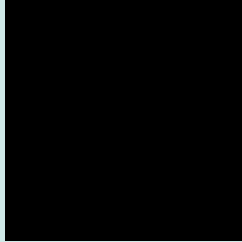
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

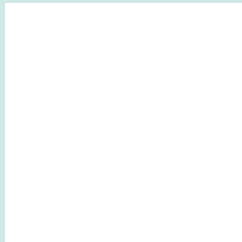
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3127, 0.2968, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 77.3127, 0.2968, 0.3311.

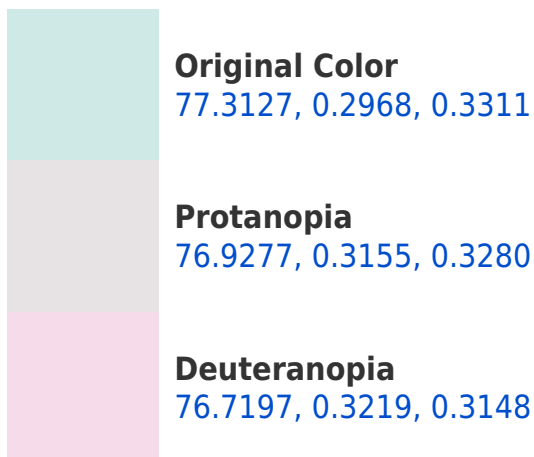


This preview shows how white text looks on a background with the Yxy color 77.3127, 0.2968, 0.3311.

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

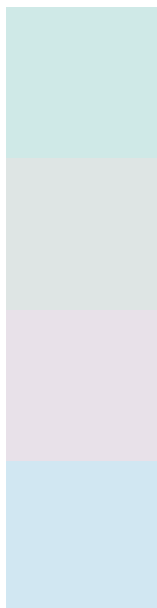




Tritanopia

77.1348, 0.2881, 0.3088

Trichromacy



Original Color

77.3127, 0.2968, 0.3311

Protanomaly

77.1697, 0.3086, 0.3301

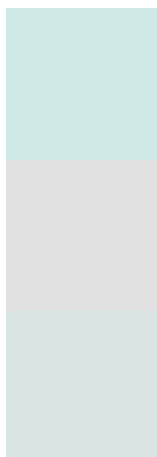
Deuteranomaly

76.8894, 0.3124, 0.3207

Tritanomaly

77.1179, 0.2916, 0.3171

Monochromacy



Original Color

77.3127, 0.2968, 0.3311

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.9383, 0.3065, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3127, 0.2968, 0.3311 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(207, 233, 231)` looks like.

```
.text, #text, p{  
    color:rgb(207, 233, 231)  
}
```

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(207, 233, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 233, 231) }
```

Border

The CSS property to change the border of an element to Yxy 77.3127, 0.2968, 0.3311 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(207, 233, 231) }
```

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

```
.border{ border-color:rgb(207, 233, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 233, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 233, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 233, 231);  
box-shadow:4px 4px 4px 4px rgb(207, 233,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3127, 0.2968, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 233, 231) }
```

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

```
.background{ background-color: rgb(207,  
233, 231) }
```

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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