

Converting Colors

$Yxy(78.1360, 0.2819, 0.3363)$

Have a look what the booklet for
Yxy(78.1360, 0.2819, 0.3363)
contains.

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Color

Yxy(78.3937, 0.2819, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	B8F0E9
RGB	184, 240, 233
RGB Percent	72%, 94%, 91%
CMY	0.2788, 0.0587, 0.0863
CMYK	0.23, 0.00, 0.03, 0.06
HSL	172°, 65%, 83%
HSV	172°, 23%, 94%
XYZ	65.6152, 78.3937, 88.7515
YIQ	222.4580, -31.1290, -14.0490

Conversions

Conversions Part 2

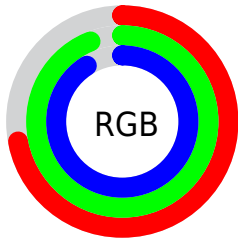
Format	Color
RYB	184, 214, 240
Decimal	12120297
CIELab	90.96, -19.13, -2.41
CIElCh	91, 19.282, 187.188
Yxy	78.3937, 0.2819, 0.3368
Android (android.graphics.Color)	4290310377 (0xFFB8F0E9)
YUV	222.4580, 5.1972, -33.7277
Hunter-Lab	88.5402, -22.6631, 2.5466

Details

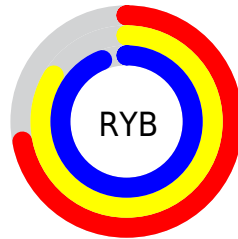
The Yxy color **78.3937, 0.2819, 0.3368** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.5288, 0.3552, 0.3214**, and the grayscale version is **73.3546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **42.2011, 0.2755, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **75.5112, 0.2703, 0.3406**, and if you desaturate by 10%, it is **81.7883, 0.2946, 0.3333**.

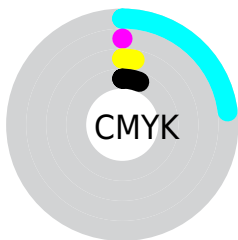
Distribution



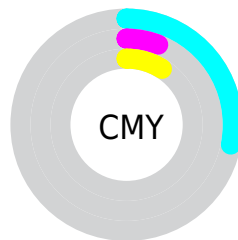
- Red (72%)
- Green (94%)
- Blue (91%)



- Red (72%)
- Yellow (84%)
- Blue (94%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)




- Cyan (28%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.3937, 0.2819, 0.3368 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 78.3937, 0.2819, 0.3368 by changing the saturation by 10% instead.


 78.3937, 0.2819,
0.3368

 78.3937, 0.2819,
0.3368


489.5028, 0.2959,
0.3333

 58.3974, 0.2788,
0.3376


 131.1050, 0.2867,
0.3356

 42.1283, 0.2749,
0.3385


164.5888, 0.2886,
0.3352

 29.2017, 0.2701,
0.3396


203.3372, 0.2902,
0.3348

 19.2335, 0.2639,
0.3410

247.7347, 0.2916,
0.3344

 11.8391, 0.2555,
0.3429

298.1656, 0.2929,
0.3341

 6.6342, 0.2438,
0.3455


355.0143, 0.2940,


 3.2344, 0.2260,


0.3338


418.6653, 0.2950,
0.3336


0.3491


 1.2553, 0.1943,
0.3554


 0.1062, 0.0000,
0.2719


 78.3937, 0.2819,
0.3368


 78.3937, 0.2819,
0.3368


 75.5112, 0.2703,
0.3406


 81.7883, 0.2946,
0.3333


 73.1059, 0.2601,
0.3446


 85.7091, 0.3080,
0.3300

 71.1533, 0.2515,
0.3489

 90.0086, 0.3214,
0.3271


 69.6230, 0.2447,
0.3532

 90.1911, 0.3195,
0.3242

 68.4808, 0.2398,
0.3576

 90.3766, 0.3176,
0.3213


 67.6872, 0.2369,
0.3621

 90.5651, 0.3158,
0.3184

 67.1942, 0.2359,
0.3665

 90.7566, 0.3140,
0.3155

 66.9852, 0.2359,
0.3693

 90.8165, 0.3134,
0.3146

Harmonies

Analogous

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



78.3937, 0.3010, 0.3563



78.3937, 0.2819, 0.3368



78.3937, 0.2711, 0.3157

Triad

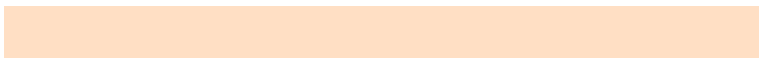
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3937, 0.2819, 0.3368



78.3937, 0.3005, 0.2934



78.3937, 0.3561, 0.3570

Complementary

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



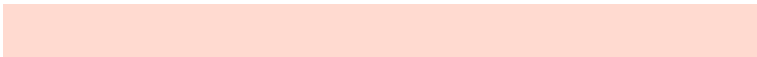
78.3937, 0.2819, 0.3368



56.5288, 0.3552, 0.3214

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.



78.3937, 0.3562, 0.3397



78.3937, 0.2819, 0.3368



78.3937, 0.3235, 0.3038

Square

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



78.3937, 0.2819, 0.3368



78.3937, 0.2815, 0.2916



78.3937, 0.3441, 0.3205



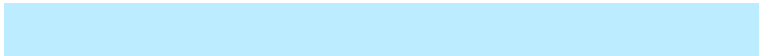
78.3937, 0.3440, 0.3677

Rectangle

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



78.3937, 0.2819, 0.3368



78.3937, 0.2698, 0.3040



78.3937, 0.3441, 0.3205



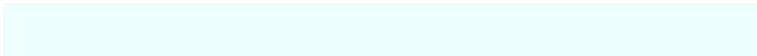
78.3937, 0.3576, 0.3518

Sweetspot

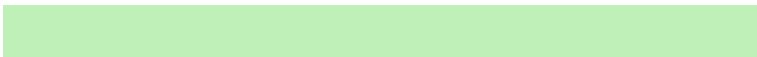
The Sweet Spot groups the original color and five complimentary colors.



78.3969, 0.2819, 0.3368



96.6269, 0.3031, 0.3312



76.9193, 0.3145, 0.3940



20.6230, 0.3022, 0.3314



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

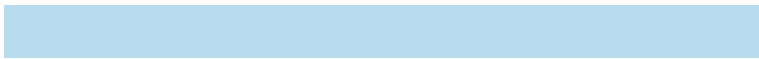
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3969, 0.2819, 0.3368



88.3174, 0.2763, 0.3386



67.3679, 0.2762, 0.3055



17.8928, 0.2998, 0.3320



36.6728, 0.2357, 0.3686



3.0603, 0.2341, 0.3629

Inverse Universe

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



56.5288, 0.3552, 0.3214



59.2056, 0.3666, 0.3198



65.4011, 0.3562, 0.3514



15.7911, 0.3274, 0.3261



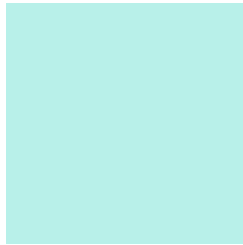
10.2030, 0.6241, 0.3212



0.8591, 0.5953, 0.3053

Previews

White Background



This preview shows how the Yxy color 78.3937, 0.2819, 0.3368 looks on a white background.

Color Contrast Check

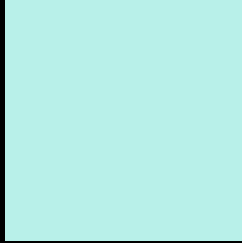
Large Text (above 18pt) WCAG AA × Fail

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 78.3937, 0.2819, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

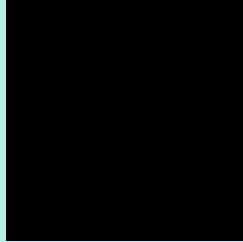
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3937, 0.2819, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 78.3937, 0.2819, 0.3368.

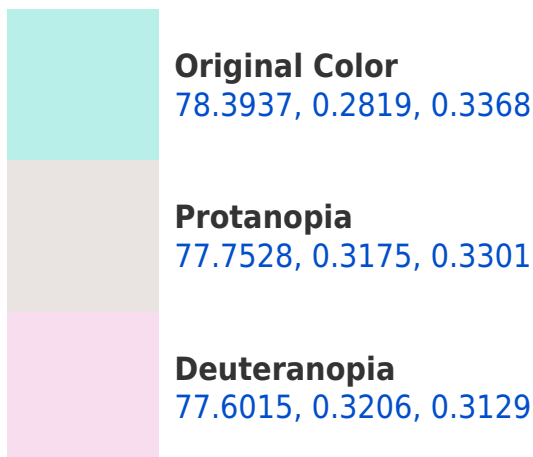


This preview shows how white text looks on a background with the Yxy color 78.3937, 0.2819, 0.3368.

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

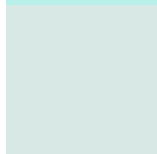
78.0297, 0.2728, 0.3083

Trichromacy



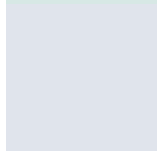
Original Color

78.3937, 0.2819, 0.3368



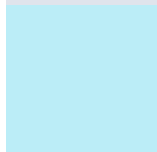
Protanomaly

77.8174, 0.3032, 0.3322



Deuteranomaly

77.3902, 0.3050, 0.3206



Tritanomaly

77.8486, 0.2759, 0.3179

Monochromacy



Original Color

78.3937, 0.2819, 0.3368



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

74.9395, 0.3004, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3937, 0.2819, 0.3368 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(184, 240, 233)` looks like.

```
.text, #text, p{  
    color:rgb(184, 240, 233)  
}
```

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(184, 240, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 240, 233) }
```

Border

The CSS property to change the border of an element to Yxy 78.3937, 0.2819, 0.3368 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(184, 240, 233) }
```

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

```
.border{ border-color:rgb(184, 240, 233) }
```

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

Here you see how a box with a 4 pixel rgb(184, 240, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 240, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 240, 233);  
box-shadow:4px 4px 4px 4px rgb(184, 240,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3937, 0.2819, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 240, 233) }
```

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

```
.background{ background-color: rgb(184,  
240, 233) }
```

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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