

Converting Colors

$Yxy(73.4871, 0.2800, 0.3193)$

Have a look what the booklet for
Yxy(73.4871, 0.2800, 0.3193)
contains.

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Color

Yxy(73.3904, 0.2796, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	BBE6EF
RGB	187, 230, 239
RGB Percent	73%, 90%, 94%
CMY	0.2668, 0.0980, 0.0627
CMYK	0.22, 0.04, 0.00, 0.06
HSL	190°, 62%, 84%
HSV	190°, 22%, 94%
XYZ	64.3662, 73.3904, 92.4516
YIQ	218.1690, -28.5170, -6.3170

Conversions

Conversions Part 2

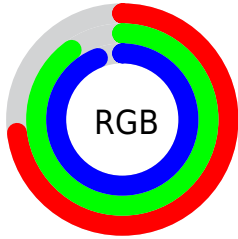
Format	Color
RYB	187, 211, 239
Decimal	12314351
CIELab	88.63, -11.93, -8.98
CIELCh	89, 14.932, 216.987
Yxy	73.3904, 0.2796, 0.3188
Android (android.graphics.Color)	4290504431 (0xFFBBE6EF)
YUV	218.1690, 10.2697, -27.3352
Hunter-Lab	85.6682, -15.8045, -4.0170

Details

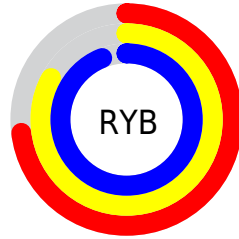
The Yxy color **73.3904, 0.2796, 0.3188** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.4115, 0.3549, 0.3390**, and the grayscale version is **70.1745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **38.6775, 0.2722, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **68.3499, 0.2654, 0.3135**, and if you desaturate by 10%, it is **78.9933, 0.2946, 0.3237**.

Distribution



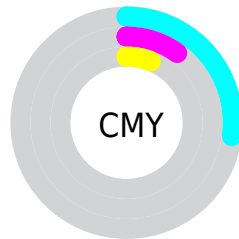
- Red (73%)
- Green (90%)
- Blue (94%)



- Red (73%)
- Yellow (83%)
- Blue (94%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (27%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3904, 0.2796, 0.3188 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 73.3904, 0.2796, 0.3188 by changing the saturation by 10% instead.

■ 73.3904, 0.2796,
0.3188

■ 73.3904, 0.2796,
0.3188

472.3668, 0.2947,
0.3237

■ 54.2952, 0.2762,
0.3176

■ 124.0313, 0.2848,
0.3205

■ 38.8378, 0.2720,
0.3162

156.3458, 0.2869,
0.3212

■ 26.6335, 0.2667,
0.3143

193.8355, 0.2886,
0.3218

■ 17.2982, 0.2599,
0.3118

236.8849, 0.2902,
0.3223

■ 10.4473, 0.2507,
0.3082

285.8784, 0.2915,
0.3227

■ 5.6965, 0.2376,
0.3030

341.2002, 0.2927,

■ 2.6614, 0.2179,

0.3231

403.2349, 0.2938,
0.3234

0.2943

0.9577, 0.1800,
0.2793

0.0000, 0.0000,
0.0000

73.3904, 0.2796,
0.3188

73.3904, 0.2796,
0.3188

68.3499, 0.2654,
0.3135

78.9933, 0.2946,
0.3237

63.8376, 0.2522,
0.3078

85.1730, 0.3100,
0.3282

59.8291, 0.2404,
0.3019

91.2512, 0.3231,
0.3323

56.2946, 0.2303,
0.2957

93.7484, 0.3227,
0.3363

■ 53.2004, 0.2220,
0.2894

■ 96.3018, 0.3224,
0.3403

■ 50.5081, 0.2157,
0.2831

■ 98.9116, 0.3220,
0.3442

■ 48.1715, 0.2113,
0.2769

■ 99.0134, 0.3220,
0.3444

■ 46.4573, 0.2088,
0.2718

Harmonies

Analogous

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



73.3904, 0.2883, 0.3354



73.3904, 0.2796, 0.3188



73.3904, 0.2794, 0.3057

Triad

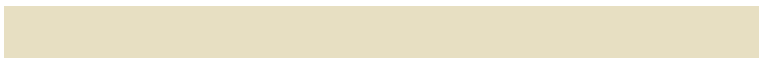
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3904, 0.2796, 0.3188



73.3904, 0.3212, 0.3088



73.3904, 0.3377, 0.3596

Complementary

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



73.3904, 0.2796, 0.3188



61.4115, 0.3549, 0.3390

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.



73.3904, 0.3471, 0.3513



73.3904, 0.2796, 0.3188



73.3904, 0.3374, 0.3222

Square

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



73.3904, 0.2796, 0.3188



73.3904, 0.3030, 0.3005



73.3904, 0.3470, 0.3376



73.3904, 0.3217, 0.3595

Rectangle

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



73.3904, 0.2796, 0.3188



73.3904, 0.2842, 0.3005



73.3904, 0.3470, 0.3376



73.3904, 0.3417, 0.3577

Sweetspot

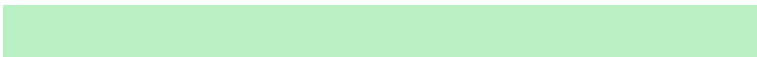
The Sweet Spot groups the original color and five complimentary colors.



73.3934, 0.2796, 0.3188



94.8144, 0.3018, 0.3259



76.2765, 0.3048, 0.3794



20.2019, 0.3009, 0.3257



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.



73.3934, 0.2796, 0.3188



82.4141, 0.2734, 0.3166



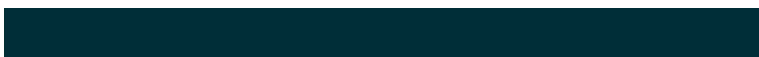
60.1312, 0.2774, 0.2889



17.4360, 0.2981, 0.3248



25.8396, 0.2091, 0.2728



2.2709, 0.2114, 0.2810

Inverse Universe

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



59.5948, 0.3221, 0.2837



64.0289, 0.3243, 0.2745



74.0091, 0.3492, 0.3661



15.9817, 0.3164, 0.3097



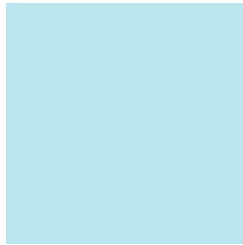
12.4019, 0.3702, 0.1813



1.0440, 0.3626, 0.1771

Previews

White Background



This preview shows how the Yxy color 73.3904, 0.2796, 0.3188 looks on a white background.

Color Contrast Check

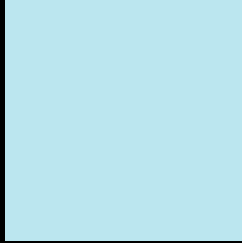
Large Text (above 18pt) WCAG AA × Fail

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 73.3904, 0.2796, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

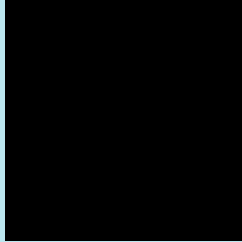
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3904, 0.2796, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 73.3904, 0.2796, 0.3188.

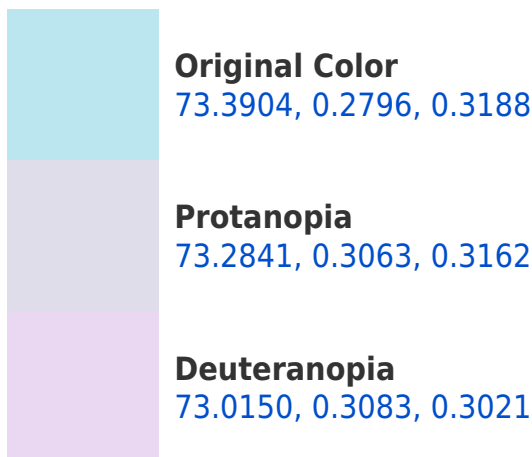


This preview shows how white text looks on a background with the Yxy color 73.3904, 0.2796, 0.3188.

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

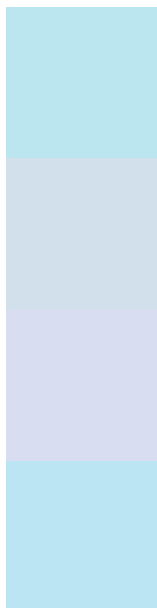




Tritanopia

73.5728, 0.2763, 0.3090

Trichromacy



Original Color

73.3904, 0.2796, 0.3188

Protanomaly

73.0111, 0.2962, 0.3170

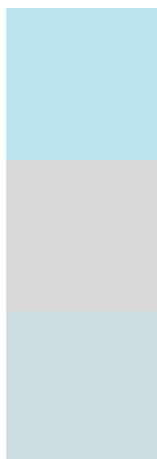
Deuteranomaly

72.8155, 0.2972, 0.3076

Tritanomaly

73.2616, 0.2774, 0.3122

Monochromacy



Original Color

73.3904, 0.2796, 0.3188

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.9989, 0.2998, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3904, 0.2796, 0.3188 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(187, 230, 239)` looks like.

```
.text, #text, p{  
    color:rgb(187, 230, 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(187, 230, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 230, 239) }
```

Border

The CSS property to change the border of an element to Yxy 73.3904, 0.2796, 0.3188 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(187, 230, 239) }
```

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

```
.border{ border-color:rgb(187, 230, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 230, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 230, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 230, 239);  
box-shadow:4px 4px 4px 4px rgb(187, 230,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3904, 0.2796, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 230, 239) }
```

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

```
.background{ background-color: rgb(187,  
230, 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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