

Converting Colors

$Yxy(74.7606, 0.2788, 0.3215)$

Have a look what the booklet for
Yxy(74.7606, 0.2788, 0.3215)
contains.

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Color

Yxy(74.9489, 0.2793, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	BAE9EF
RGB	186, 233, 239
RGB Percent	73%, 91%, 94%
CMY	0.2705, 0.0863, 0.0628
CMYK	0.22, 0.03, 0.00, 0.06
HSL	187°, 62%, 83%
HSV	187°, 22%, 94%
XYZ	64.9697, 74.9489, 92.6975
YIQ	219.6310, -29.9380, -8.0980

Conversions

Conversions Part 2

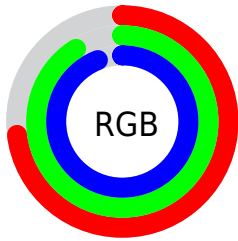
Format	Color
RYB	186, 211, 239
Decimal	12249583
CIELab	89.37, -13.73, -7.88
CIElCh	89, 15.832, 209.863
Yxy	74.9489, 0.2793, 0.3222
Android (android.graphics.Color)	4290439663 (0xFFBAE9EF)
YUV	219.6310, 9.5489, -29.4944
Hunter-Lab	86.5730, -17.5455, -2.8833

Details

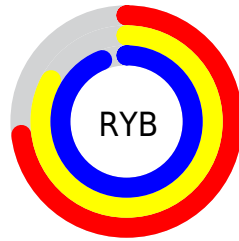
The Yxy color **74.9489, 0.2793, 0.3222** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.5967, 0.3566, 0.3357**, and the grayscale version is **71.2506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **39.7687, 0.2719, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **70.6860, 0.2655, 0.3187**, and if you desaturate by 10%, it is **79.7419, 0.2940, 0.3254**.

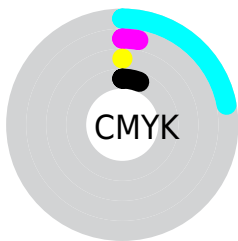
Distribution



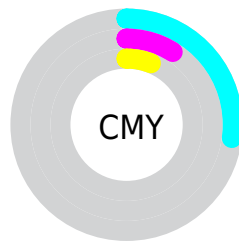
- Red (73%)
- Green (91%)
- Blue (94%)



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



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)





- Cyan (27%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9489, 0.2793, 0.3222 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 74.9489, 0.2793, 0.3222 by changing the saturation by 10% instead.


 74.9489, 0.2793,
0.3222

 74.9489, 0.2793,
0.3222

477.7419, 0.2945,
0.3255

 55.5710, 0.2759,
0.3214


 126.2400, 0.2845,
0.3234

 39.8591, 0.2717,
0.3204

158.9221, 0.2866,
0.3238

 27.4287, 0.2664,
0.3191

196.8076, 0.2884,
0.3242

 17.8954, 0.2596,
0.3173

240.2811, 0.2899,
0.3246

 10.8750, 0.2504,
0.3147

289.7269, 0.2913,
0.3249

 5.9828, 0.2375,
0.3109

345.5293, 0.2925,

 2.8346, 0.2181,

0.3251

408.0729, 0.2936,
0.3253

0.3045

1.0460, 0.1823,
0.2931

0.0000, 0.0000,
0.0000

74.9489, 0.2793,
0.3222

74.9489, 0.2793,
0.3222

70.6860, 0.2655,
0.3187

79.7419, 0.2940,
0.3254

66.9192, 0.2530,
0.3151

85.0791, 0.3093,
0.3284

63.6243, 0.2419,
0.3113

90.4675, 0.3232,
0.3311

60.7715, 0.2327,
0.3073

92.0803, 0.3230,
0.3337

■ 58.3274, 0.2253,
0.3033

■ 93.7169, 0.3227,
0.3363

■ 56.2537, 0.2199,
0.2994

■ 95.3775, 0.3225,
0.3389

■ 54.5039, 0.2163,
0.2954

■ 97.0621, 0.3223,
0.3415

■ 53.3033, 0.2146,
0.2924

■ 98.7709, 0.3221,
0.3441

■ 99.0116, 0.3220,
0.3444

Harmonies

Analogous

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



74.9489, 0.2904, 0.3398



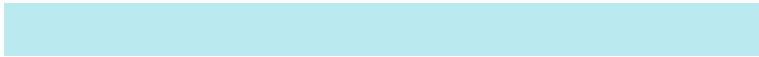
74.9489, 0.2793, 0.3222



74.9489, 0.2769, 0.3072

Triad

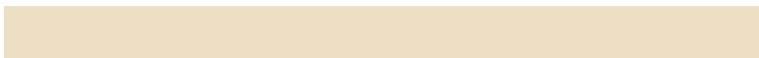
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9489, 0.2793, 0.3222



74.9489, 0.3171, 0.3051



74.9489, 0.3421, 0.3598

Complementary

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



74.9489, 0.2793, 0.3222



59.5967, 0.3566, 0.3357

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.



74.9489, 0.3498, 0.3494



74.9489, 0.2793, 0.3222



74.9489, 0.3352, 0.3182

Square

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



74.9489, 0.2793, 0.3222



74.9489, 0.2983, 0.2980



74.9489, 0.3473, 0.3342



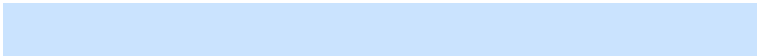
74.9489, 0.3265, 0.3621

Rectangle

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



74.9489, 0.2793, 0.3222



74.9489, 0.2805, 0.3006



74.9489, 0.3473, 0.3342



74.9489, 0.3457, 0.3571

Sweetspot

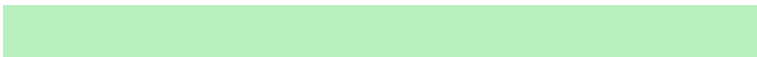
The Sweet Spot groups the original color and five complimentary colors.



74.9520, 0.2793, 0.3222



95.4893, 0.3018, 0.3270



75.9455, 0.3067, 0.3847



20.3586, 0.3009, 0.3268



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.



74.9520, 0.2793, 0.3222



84.3309, 0.2724, 0.3205



61.3979, 0.2771, 0.2923



17.6058, 0.2981, 0.3263



29.5813, 0.2147, 0.2930



2.5469, 0.2162, 0.2982

Inverse Universe

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



59.3566, 0.3198, 0.2797



63.1697, 0.3217, 0.2686



71.9354, 0.3507, 0.3631



15.9988, 0.3155, 0.3083



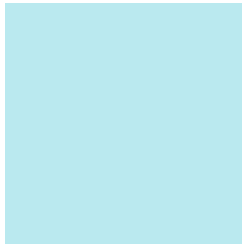
12.7796, 0.3516, 0.1711



1.0718, 0.3470, 0.1685

Previews

White Background



This preview shows how the Yxy color 74.9489, 0.2793, 0.3222 looks on a white background.

Color Contrast Check

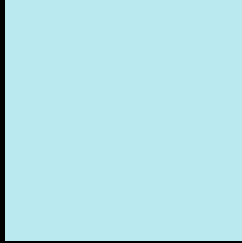
Large Text (above 18pt) WCAG AA × Fail

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 74.9489, 0.2793, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

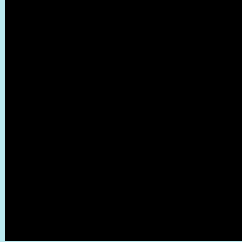
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9489, 0.2793, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 74.9489, 0.2793, 0.3222.

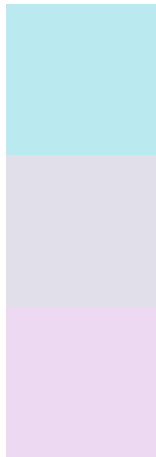


This preview shows how white text looks on a background with the Yxy color 74.9489, 0.2793, 0.3222.

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



Original Color

74.9489, 0.2793, 0.3222

Protanopia

74.6661, 0.3076, 0.3184

Deuteranopia

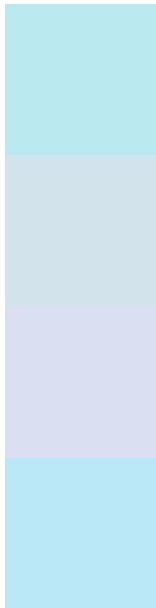
74.5581, 0.3103, 0.3044



Tritanopia

74.7453, 0.2743, 0.3080

Trichromacy



Original Color

74.9489, 0.2793, 0.3222

Protanomaly

74.7852, 0.2969, 0.3203

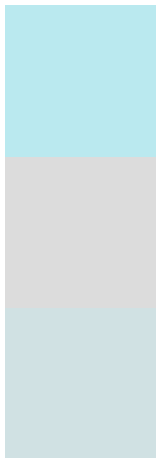
Deuteranomaly

74.0317, 0.2979, 0.3098

Tritanomaly

74.9318, 0.2760, 0.3134

Monochromacy



Original Color

74.9489, 0.2793, 0.3222

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.8064, 0.2998, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9489, 0.2793, 0.3222 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(186, 233, 239)` looks like.

```
.text, #text, p{  
    color:rgb(186, 233, 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(186, 233, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 233, 239) }
```

Border

The CSS property to change the border of an element to Yxy 74.9489, 0.2793, 0.3222 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(186, 233, 239) }
```

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

```
.border{ border-color:rgb(186, 233, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 233, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 233, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 233, 239);  
box-shadow:4px 4px 4px 4px rgb(186, 233,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9489, 0.2793, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 233, 239) }
```

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

```
.background{ background-color: rgb(186,  
233, 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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