

Converting Colors

$Yxy(74.1019, 0.2809, 0.3289)$

Have a look what the booklet for
Yxy(74.1019, 0.2809, 0.3289)
contains.

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Color

Yxy(74.2283, 0.2808, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B7E9E9
RGB	183, 233, 233
RGB Percent	72%, 91%, 91%
CMY	0.2824, 0.0862, 0.0862
CMYK	0.21, 0.00, 0.00, 0.09
HSL	180°, 53%, 82%
HSV	180°, 21%, 91%
XYZ	63.3728, 74.2283, 88.0855
YIQ	218.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

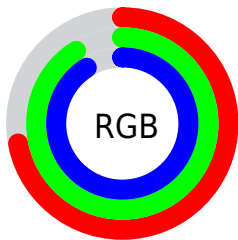
Format	Color
R _Y B	183, 208, 233
Decimal	12052969
CIE Lab	89.03, -15.91, -5.27
CIE LCh	89, 16.758, 198.329
Yxy	74.2283, 0.2808, 0.3289
Android (android.graphics.Color)	4290243049 (0xFFB7E9E9)
YUV	218.0500, 7.3703, -30.7389
Hunter-Lab	86.1558, -19.4753, -0.3088

Details

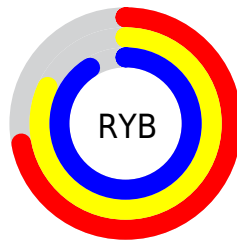
The Yxy color **74.2283, 0.2808, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **54.6045, 0.3561, 0.3291**, and the grayscale version is **70.1106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **39.2857, 0.2738, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **71.6062, 0.2677, 0.3289**, and if you desaturate by 10%, it is **77.3295, 0.2951, 0.3289**.

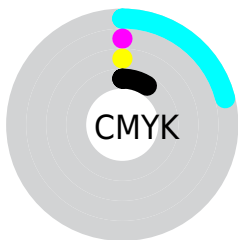
Distribution



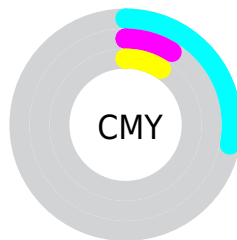
- Red (72%)
- Green (91%)
- Blue (91%)



- Red (72%)
- Yellow (82%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2283, 0.2808, 0.3289 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 74.2283, 0.2808, 0.3289 by changing the saturation by 10% instead.

 74.2283, 0.2808,
0.3289

 74.2283, 0.2808,
0.3289


475.2609, 0.2954,
0.3291

 54.9809, 0.2775,
0.3288


 125.2194, 0.2858,
0.3290

 39.3864, 0.2735,
0.3287


157.7319, 0.2878,
0.3290

 27.0605, 0.2684,
0.3285


195.4349, 0.2895,
0.3291

 17.6187, 0.2618,
0.3282

238.7127, 0.2910,
0.3291

 10.6766, 0.2529,
0.3276

287.9499, 0.2923,
0.3291

 5.8498, 0.2402,
0.3267

343.5307, 0.2934,

 2.7540, 0.2210,

0.3291

405.8396, 0.2945,
0.3291

0.3247

1.0047, 0.1805,
0.3228

0.0000, 0.0000,
0.0000

74.2283, 0.2808,
0.3289

74.2283, 0.2808,
0.3289

71.6062, 0.2677,
0.3289

77.3295, 0.2951,
0.3289

69.4307, 0.2561,
0.3288


80.9222, 0.3104,
0.3290


67.6797, 0.2462,
0.3288

85.0299, 0.3263,
0.3290


66.3254, 0.2381,
0.3288

85.4296, 0.3278,
0.3290

 65.3370, 0.2321,
0.3287


 85.4305, 0.3277,
0.3291


 64.6787, 0.2280,
0.3287


 85.4313, 0.3277,
0.3291

 64.3078, 0.2256,
0.3287

 85.4321, 0.3277,
0.3291

 64.1597, 0.2247,
0.3287

 85.4330, 0.3277,
0.3291

 85.4338, 0.3277,
0.3291

Harmonies

Analogous

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



74.2283, 0.2955, 0.3473



74.2283, 0.2808, 0.3289



74.2283, 0.2745, 0.3113

Triad

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



74.2283, 0.2808, 0.3289



74.2283, 0.3094, 0.2999



74.2283, 0.3483, 0.3583

Complementary

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



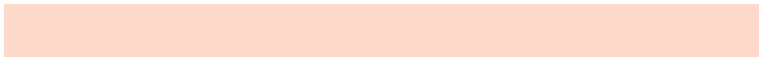
74.2283, 0.2808, 0.3289



54.6045, 0.3561, 0.3291

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.



74.2283, 0.3525, 0.3447



74.2283, 0.2808, 0.3289



74.2283, 0.3296, 0.3116

Square

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



74.2283, 0.2808, 0.3289



74.2283, 0.2906, 0.2954



74.2283, 0.3456, 0.3278



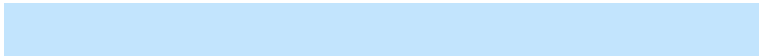
74.2283, 0.3344, 0.3644

Rectangle

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



74.2283, 0.2808, 0.3289



74.2283, 0.2758, 0.3024



74.2283, 0.3456, 0.3278



74.2283, 0.3509, 0.3544

Sweetspot

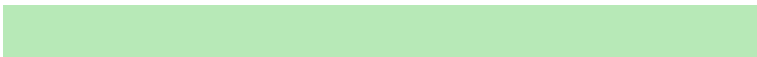
The Sweet Spot groups the original color and five complimentary colors.



74.2313, 0.2808, 0.3289



97.2122, 0.3034, 0.3290



71.7674, 0.3099, 0.3888



20.7454, 0.3024, 0.3290



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.



74.2313, 0.2808, 0.3289



89.5178, 0.2745, 0.3289



61.0590, 0.2787, 0.2997



17.1217, 0.2981, 0.3290



36.4017, 0.2247, 0.3287



2.8585, 0.2247, 0.3287

Inverse Universe

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



57.0687, 0.3152, 0.2757



64.7460, 0.3158, 0.2641



65.8538, 0.3504, 0.3566



15.3138, 0.3138, 0.3058



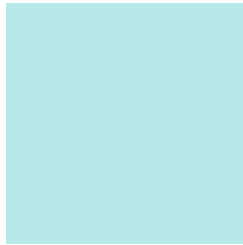
13.1676, 0.3209, 0.1542



1.0340, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 74.2283, 0.2808, 0.3289 looks on a white background.

Color Contrast Check

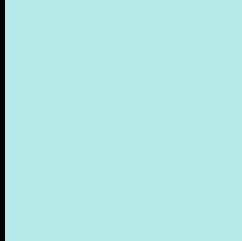
Large Text (above 18pt) WCAG AA × Fail

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 74.2283, 0.2808, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

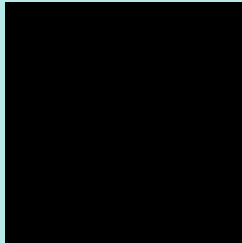
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2283, 0.2808, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 74.2283, 0.2808, 0.3289.

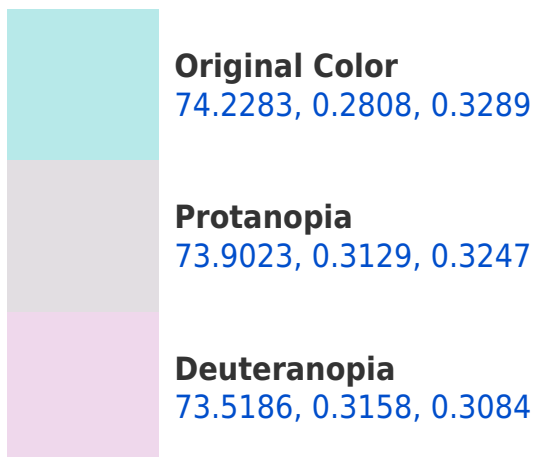


This preview shows how white text looks on a background with the Yxy color 74.2283, 0.2808, 0.3289.

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

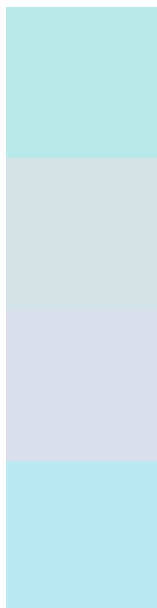




Tritanopia

74.4305, 0.2737, 0.3090

Trichromacy



Original Color

74.2283, 0.2808, 0.3289

Protanomaly

73.7515, 0.2999, 0.3257

Deuteranomaly

73.3008, 0.3023, 0.3150

Tritanomaly

74.4986, 0.2764, 0.3166

Monochromacy



Original Color

74.2283, 0.2808, 0.3289

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.0822, 0.3003, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2283, 0.2808, 0.3289 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(183, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(183, 233, 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(183, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 233, 233) }
```

Border

The CSS property to change the border of an element to Yxy 74.2283, 0.2808, 0.3289 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(183, 233, 233) }
```

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

```
.border{ border-color:rgb(183, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(183, 233,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2283, 0.2808, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 233, 233) }
```

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

```
.background{ background-color: rgb(183,  
233, 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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