

Converting Colors

$Yxy(76.3157, 0.2825, 0.3266)$

Have a look what the booklet for
Yxy(76.3157, 0.2825, 0.3266)
contains.

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Color

Yxy(76.3499, 0.2823, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	BDEBED
RGB	189, 235, 237
RGB Percent	74%, 92%, 93%
CMY	0.2590, 0.0784, 0.0706
CMYK	0.20, 0.01, 0.00, 0.07
HSL	182°, 57%, 84%
HSV	182°, 20%, 93%
XYZ	65.9736, 76.3499, 91.3768
YIQ	221.4740, -28.0580, -9.1300

Conversions

Conversions Part 2

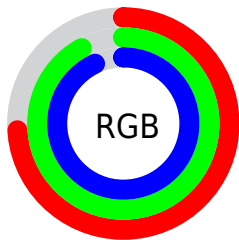
Format	Color
RYB	189, 212, 237
Decimal	12446701
CIELab	90.02, -14.28, -5.85
CIELCh	90, 15.438, 202.283
Yxy	76.3499, 0.2823, 0.3267
Android (android.graphics.Color)	4290636781 (0xFFBDEBED)
YUV	221.4740, 7.6543, -28.4797
Hunter-Lab	87.3784, -18.1388, -0.8382

Details

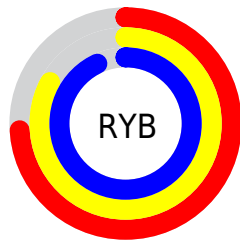
The Yxy color **76.3499, 0.2823, 0.3267** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.9169, 0.3527, 0.3313**, and the grayscale version is **72.6142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **40.7273, 0.2757, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **73.0075, 0.2688, 0.3254**, and if you desaturate by 10%, it is **80.1969, 0.2969, 0.3279**.

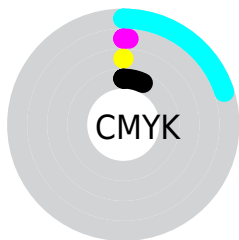
Distribution



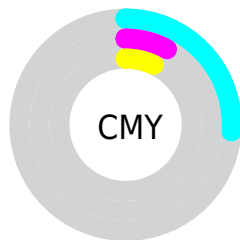
- Red (74%)
- Green (92%)
- Blue (93%)



- Red (74%)
- Yellow (83%)
- Blue (93%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)




- Cyan (26%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3499, 0.2823, 0.3267 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 76.3499, 0.2823, 0.3267 by changing the saturation by 10% instead.


 76.3499, 0.2823,
0.3267

 76.3499, 0.2823,
0.3267

482.5446, 0.2961,
0.3279

 56.7195, 0.2792,
0.3264

 128.2214, 0.2871,
0.3272

 40.7801, 0.2754,
0.3260


161.2312, 0.2889,
0.3273

 28.1473, 0.2706,
0.3254


199.4697, 0.2905,
0.3275

 18.4367, 0.2644,
0.3247

243.3211, 0.2919,
0.3276

 11.2640, 0.2561,
0.3236

293.1699, 0.2932,
0.3277

 6.2447, 0.2444,
0.3218

349.4005, 0.2943,

 2.9944, 0.2267,

0.3278

0.3187

412.3973, 0.2953,
0.3279

■ 1.1288, 0.1955,
0.3127

■ 0.0024, 0.0000,
0.0058

■ 76.3499, 0.2823,
0.3267

■ 76.3499, 0.2823,
0.3267

■ 73.0075, 0.2688,
0.3254

■ 80.1969, 0.2969,
0.3279

■ 70.1361, 0.2566,
0.3241

■ 84.5613, 0.3123,
0.3290

■ 67.7130, 0.2460,
0.3228

■ 88.4939, 0.3247,
0.3300

■ 65.7095, 0.2373,
0.3214

■ 89.0653, 0.3246,
0.3309

■ 64.0937, 0.2305,
0.3199

■ 89.6397, 0.3245,
0.3319

■ 62.8294, 0.2256,
0.3186

■ 90.2173, 0.3245,
0.3328

■ 61.8729, 0.2226,
0.3172

■ 90.7980, 0.3244,
0.3338

■ 61.1666, 0.2211,
0.3159

■ 91.3818, 0.3243,
0.3347

■ 91.9687, 0.3242,
0.3357

Harmonies

Analogous

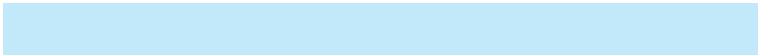
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3499, 0.2949, 0.3436



76.3499, 0.2823, 0.3267



76.3499, 0.2777, 0.3111

Triad

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



76.3499, 0.2823, 0.3267



76.3499, 0.3122, 0.3035



76.3499, 0.3440, 0.3570

Complementary

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



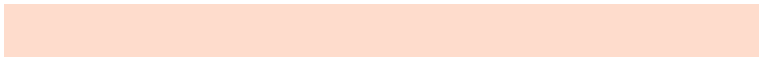
76.3499, 0.2823, 0.3267



58.9169, 0.3527, 0.3313

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.



76.3499, 0.3490, 0.3454



76.3499, 0.2823, 0.3267



76.3499, 0.3304, 0.3149

Square

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



76.3499, 0.2823, 0.3267



76.3499, 0.2946, 0.2983



76.3499, 0.3440, 0.3300



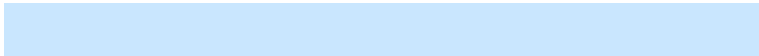
76.3499, 0.3304, 0.3613

Rectangle

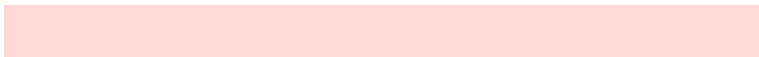
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3499, 0.2823, 0.3267



76.3499, 0.2797, 0.3035



76.3499, 0.3440, 0.3300



76.3499, 0.3467, 0.3538

Sweetspot

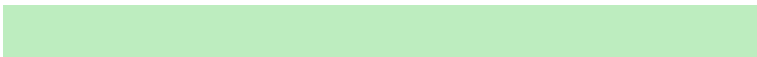
The Sweet Spot groups the original color and five complimentary colors.



76.3530, 0.2823, 0.3267



96.8103, 0.3034, 0.3284



75.1237, 0.3091, 0.3831



20.6500, 0.3024, 0.3283



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.



76.3530, 0.2823, 0.3267



88.5808, 0.2770, 0.3262



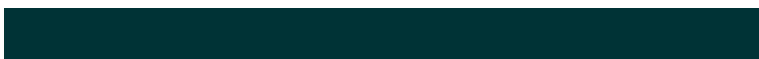
63.7070, 0.2805, 0.2996



17.0090, 0.2981, 0.3280



33.4454, 0.2211, 0.3161



2.6595, 0.2217, 0.3180

Inverse Universe

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



60.3840, 0.3166, 0.2806



66.8129, 0.3173, 0.2714



70.0654, 0.3477, 0.3567



15.3024, 0.3144, 0.3067



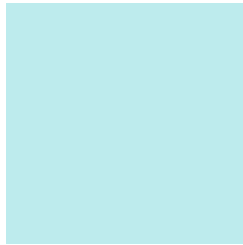
12.8691, 0.3315, 0.1600



1.0139, 0.3299, 0.1591

Previews

White Background



This preview shows how the Yxy color 76.3499, 0.2823, 0.3267 looks on a white background.

Color Contrast Check

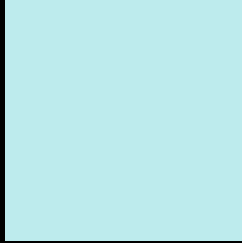
Large Text (above 18pt) WCAG AA × Fail

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 76.3499, 0.2823, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

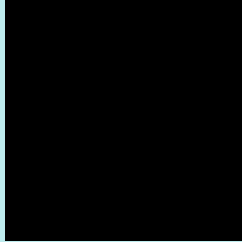
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.3499, 0.2823, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 76.3499, 0.2823, 0.3267.

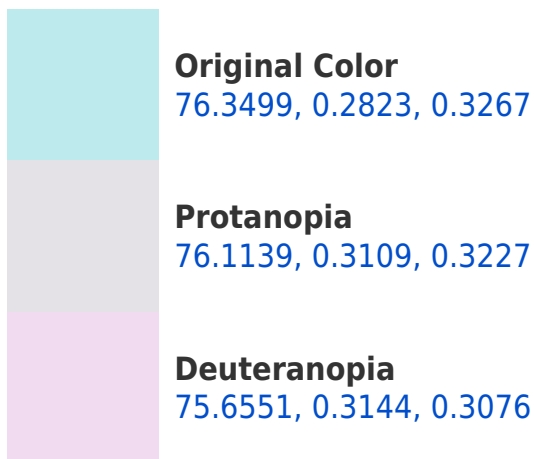


This preview shows how white text looks on a background with the Yxy color 76.3499, 0.2823, 0.3267.

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

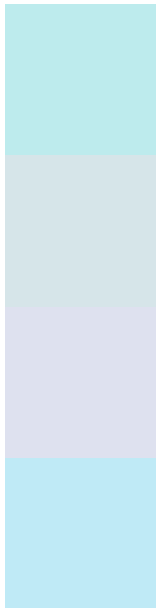




Tritanopia

76.4493, 0.2763, 0.3093

Trichromacy



Original Color

76.3499, 0.2823, 0.3267

Protanomaly

76.2180, 0.3001, 0.3247

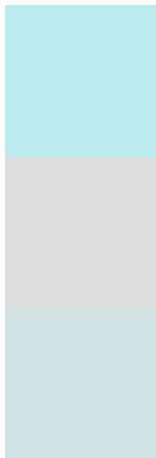
Deuteranomaly

75.6120, 0.3018, 0.3142

Tritanomaly

76.5758, 0.2785, 0.3157

Monochromacy



Original Color

76.3499, 0.2823, 0.3267

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.4941, 0.3005, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3499, 0.2823, 0.3267 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(189, 235, 237)` looks like.

```
.text, #text, p{  
    color:rgb(189, 235, 237)  
}
```

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(189, 235, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 235, 237) }
```

Border

The CSS property to change the border of an element to Yxy 76.3499, 0.2823, 0.3267 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(189, 235, 237) }
```

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

```
.border{ border-color:rgb(189, 235, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 235, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 235, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 235, 237);  
box-shadow:4px 4px 4px 4px rgb(189, 235,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3499, 0.2823, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 235, 237) }
```

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

```
.background{ background-color: rgb(189,  
235, 237) }
```

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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