

Converting Colors

$Yxy(76.5036, 0.2846, 0.3393)$

Have a look what the booklet for
Yxy(76.5036, 0.2846, 0.3393)
contains.

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Color

Yxy(76.3602, 0.2845, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	B8EDE4
RGB	184, 237, 228
RGB Percent	72%, 93%, 89%
CMY	0.2782, 0.0706, 0.1059
CMYK	0.22, 0.00, 0.04, 0.07
HSL	170°, 60%, 83%
HSV	170°, 22%, 93%
XYZ	64.0651, 76.3602, 84.7596
YIQ	220.1270, -28.6990, -14.0350

Conversions

Conversions Part 2

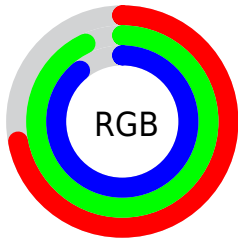
Format	Color
RYB	184, 213, 237
Decimal	12119524
CIELab	90.03, -18.62, -1.18
CIELCh	90, 18.653, 183.618
Yxy	76.3602, 0.2845, 0.3391
Android (android.graphics.Color)	4290309604 (0xFFB8EDE4)
YUV	220.1270, 3.8814, -31.6834
Hunter-Lab	87.3843, -22.0567, 3.6599

Details

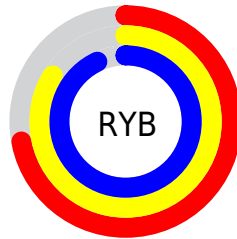
The Yxy color **76.3602, 0.2845, 0.3391** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.1621, 0.3507, 0.3192**, and the grayscale version is **71.6602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **40.8107, 0.2779, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **73.4553, 0.2733, 0.3443**, and if you desaturate by 10%, it is **79.7669, 0.2967, 0.3343**.

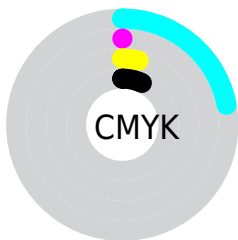
Distribution



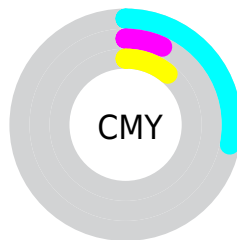
- Red (72%)
- Green (93%)
- Blue (89%)



- Red (72%)
- Yellow (84%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)




- Cyan (28%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3602, 0.2845, 0.3391 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 76.3602, 0.2845, 0.3391 by changing the saturation by 10% instead.


 76.3602, 0.2845,
0.3391

 76.3602, 0.2845,
0.3391

482.5798, 0.2974,
0.3345

 56.7279, 0.2816,
0.3401


 128.2359, 0.2889,
0.3375

 40.7868, 0.2780,
0.3414


161.2482, 0.2907,
0.3369

 28.1526, 0.2735,
0.3429


199.4892, 0.2922,
0.3364

 18.4407, 0.2677,
0.3450

243.3434, 0.2935,
0.3359

 11.2668, 0.2598,
0.3477

293.1952, 0.2946,
0.3355

 6.2466, 0.2486,
0.3515

349.4289, 0.2957,

 2.9956, 0.2314,

0.3351

412.4290, 0.2966,
0.3348

0.3572

1.1294, 0.1963,
0.3692

0.0029, 0.0000,
0.0330

76.3602, 0.2845,
0.3391

76.3602, 0.2845,
0.3391

73.4553, 0.2733,
0.3443

79.7669, 0.2967,
0.3343

71.0184, 0.2633,
0.3498

83.6887, 0.3096,
0.3300

69.0261, 0.2548,
0.3556

88.1200, 0.3228,
0.3260

67.4491, 0.2482,
0.3616

88.3621, 0.3203,
0.3221

■ 66.2548, 0.2435,
0.3677

■ 88.6096, 0.3178,
0.3182

■ 65.4055, 0.2407,
0.3739

■ 88.8624, 0.3153,
0.3144

■ 64.8557, 0.2398,
0.3800

■ 89.0441, 0.3135,
0.3117

■ 64.5828, 0.2402,
0.3846

Harmonies

Analogous

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



76.3602, 0.3039, 0.3575



76.3602, 0.2845, 0.3391



76.3602, 0.2728, 0.3184

Triad

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



76.3602, 0.2845, 0.3391



76.3602, 0.2983, 0.2935



76.3602, 0.3557, 0.3546

Complementary

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



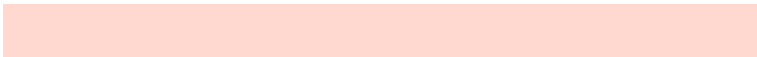
76.3602, 0.2845, 0.3391



56.1621, 0.3507, 0.3192

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.



76.3602, 0.3543, 0.3372



76.3602, 0.2845, 0.3391



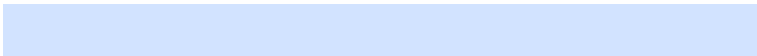
76.3602, 0.3206, 0.3028

Square

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



76.3602, 0.2845, 0.3391



76.3602, 0.2805, 0.2929



76.3602, 0.3413, 0.3185



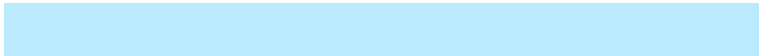
76.3602, 0.3452, 0.3660

Rectangle

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



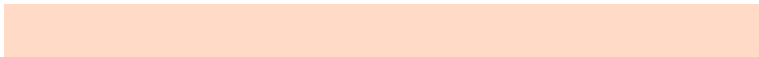
76.3602, 0.2845, 0.3391



76.3602, 0.2706, 0.3065



76.3602, 0.3413, 0.3185



76.3602, 0.3567, 0.3493

Sweetspot

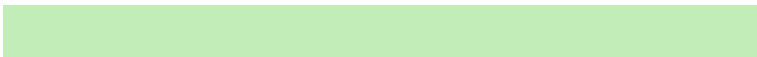
The Sweet Spot groups the original color and five complimentary colors.



76.3633, 0.2845, 0.3391



96.5766, 0.3035, 0.3320



75.4656, 0.3162, 0.3904



20.6113, 0.3027, 0.3322



0.0000, 0.0000, 0.0000



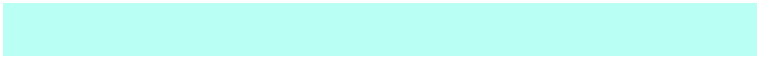
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3633, 0.2845, 0.3391



88.4673, 0.2790, 0.3415



67.6195, 0.2781, 0.3097



17.0754, 0.3004, 0.3330



35.2794, 0.2399, 0.3836



2.7819, 0.2376, 0.3752

Inverse Universe

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



56.1621, 0.3507, 0.3192



60.5112, 0.3615, 0.3170



63.1571, 0.3545, 0.3475



15.0958, 0.3266, 0.3250



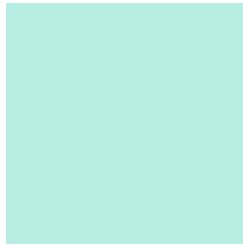
9.9275, 0.6147, 0.3160



0.7918, 0.5791, 0.2964

Previews

White Background



This preview shows how the Yxy color 76.3602, 0.2845, 0.3391 looks on a white background.

Color Contrast Check

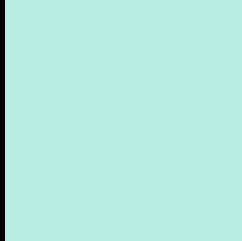
Large Text (above 18pt) WCAG AA × Fail

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 76.3602, 0.2845, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

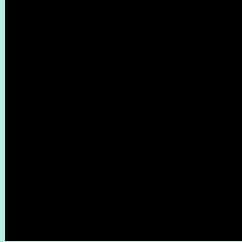
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

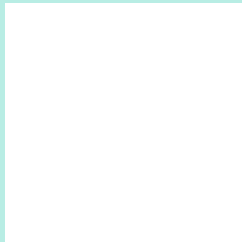
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3602, 0.2845, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 76.3602, 0.2845, 0.3391.

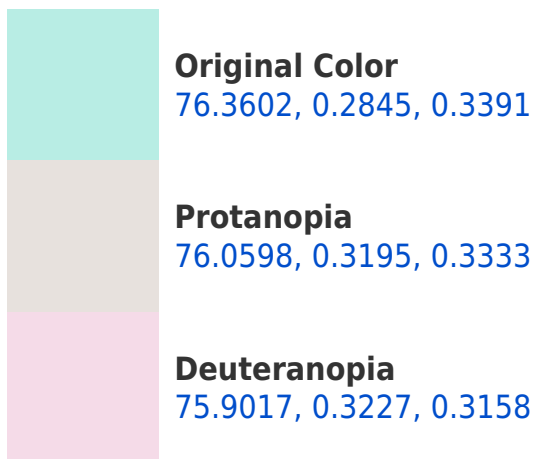


This preview shows how white text looks on a background with the Yxy color 76.3602, 0.2845, 0.3391.

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

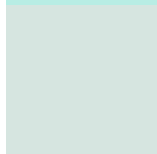
76.1249, 0.2740, 0.3081

Trichromacy



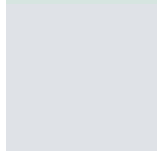
Original Color

76.3602, 0.2845, 0.3391



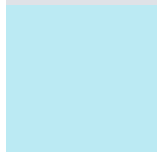
Protanomaly

75.7166, 0.3057, 0.3344



Deuteranomaly

75.8502, 0.3075, 0.3237



Tritanomaly

75.8815, 0.2778, 0.3189

Monochromacy



Original Color

76.3602, 0.2845, 0.3391



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

72.9858, 0.3016, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3602, 0.2845, 0.3391 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, 237, 228)` looks like.

```
.text, #text, p{  
    color:rgb(184, 237, 228)  
}
```

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, 237, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 237, 228) }
```

Border

The CSS property to change the border of an element to Yxy 76.3602, 0.2845, 0.3391 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, 237, 228) }
```

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

```
.border{ border-color:rgb(184, 237, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 237, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 237, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 237, 228); box-shadow:4px 4px 4px 4px rgb(184, 237, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3602, 0.2845, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 237, 228) }
```

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

```
.background{ background-color: rgb(184,  
237, 228) }
```

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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