

Converting Colors

$Yxy(72.8957, 0.3024, 0.3794)$

Have a look what the booklet for
Yxy(72.8957, 0.3024, 0.3794)
contains.

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Color

Yxy(72.9257, 0.3025, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	B4EBC0
RGB	180, 235, 192
RGB Percent	71%, 92%, 75%
CMY	0.2943, 0.0784, 0.2470
CMYK	0.23, 0.00, 0.18, 0.08
HSL	133°, 58%, 81%
HSV	133°, 23%, 92%
XYZ	58.0374, 72.9257, 60.8961
YIQ	213.6530, -18.9770, -25.0330

Conversions

Conversions Part 2

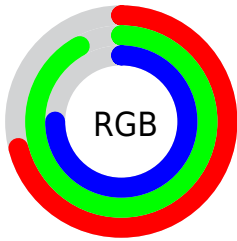
Format	Color
RYB	180, 225, 235
Decimal	11856832
CIELab	88.41, -25.86, 15.24
CIElCh	88, 30.020, 149.491
Yxy	72.9257, 0.3025, 0.3801
Android (android.graphics.Color)	4290046912 (0xFFB4EBC0)
YUV	213.6530, -10.6749, -29.5137
Hunter-Lab	85.3965, -28.1313, 17.4980

Details

The Yxy color **72.9257, 0.3025, 0.3801** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.6110, 0.3249, 0.2828**, and the grayscale version is **67.0783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3018, 0.3056, 0.3359**, and **38.5108, 0.2998, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **69.5807, 0.2984, 0.4062**, and if you desaturate by 10%, it is **76.8564, 0.3068, 0.3565**.

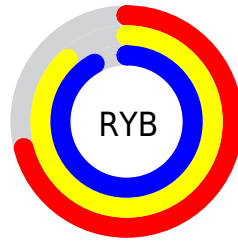
Distribution



Red (71%)

Green (92%)

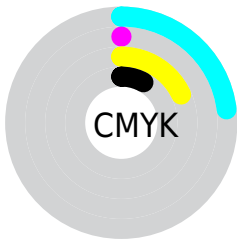
Blue (75%)



Red (71%)

Yellow (88%)

Blue (92%)

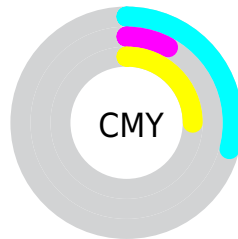


Cyan (23%)

Magenta (0%)

Yellow (18%)

Black (8%)



Cyan (29%)


Magenta (8%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9257, 0.3025, 0.3801 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 72.9257, 0.3025, 0.3801 by changing the saturation by 10% instead.


 72.9257, 0.3025,
0.3801

 72.9257, 0.3025,
0.3801

470.7573, 0.3077,
0.3556

 53.9152, 0.3012,
0.3859


 123.3717, 0.3044,
0.3714

 38.5339, 0.2996,
0.3932


155.5761, 0.3051,
0.3681

 26.3973, 0.2974,
0.4026


192.9471, 0.3057,
0.3653

 17.1211, 0.2944,
0.4153

235.8693, 0.3062,
0.3628

 10.3209, 0.2899,
0.4331

284.7270, 0.3066,
0.3607

 5.6122, 0.2828,
0.4599

339.9047, 0.3070,

 2.6108, 0.2699,

0.3588

401.7866, 0.3073,
0.3571

0.5046

0.9321, 0.2140,
0.7860

0.0000, 0.0000,
0.0000

72.9257, 0.3025,
0.3801

72.9257, 0.3025,
0.3801

69.5807, 0.2984,
0.4062

76.8564, 0.3068,
0.3565

66.7845, 0.2947,
0.4343

81.3895, 0.3112,
0.3356

64.5098, 0.2919,
0.4639

86.5524, 0.3155,
0.3172

62.7235, 0.2900,
0.4936

87.9051, 0.3136,
0.3098

■ 61.3888, 0.2894,
0.5220

■ 60.4632, 0.2903,
0.5473

■ 59.8956, 0.2924,
0.5680

■ 59.6687, 0.2941,
0.5787

Harmonies

Analogous

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



72.9257, 0.3385, 0.3937



72.9257, 0.3025, 0.3801



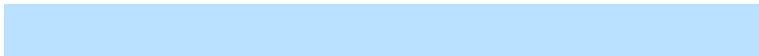
72.9257, 0.2705, 0.3501

Triad

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



72.9257, 0.3025, 0.3801



72.9257, 0.2579, 0.2719



72.9257, 0.3793, 0.3369

Complementary

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



72.9257, 0.3025, 0.3801



55.6110, 0.3249, 0.2828

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.



72.9257, 0.3553, 0.3079



72.9257, 0.3025, 0.3801



72.9257, 0.2844, 0.2716

Square

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



72.9257, 0.3025, 0.3801



72.9257, 0.2459, 0.2869



72.9257, 0.3199, 0.2846



72.9257, 0.3842, 0.3658

Rectangle

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



72.9257, 0.3025, 0.3801



72.9257, 0.2554, 0.3265



72.9257, 0.3199, 0.2846



72.9257, 0.3732, 0.3270

Sweetspot

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



72.9288, 0.3025, 0.3801



95.9050, 0.3096, 0.3428



78.4195, 0.3395, 0.3892



20.4558, 0.3094, 0.3441



0.0000, 0.0000, 0.0000



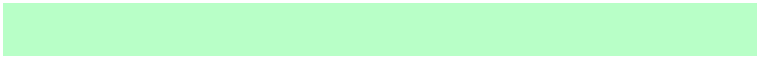
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9288, 0.3025, 0.3801



85.7962, 0.3005, 0.3920



74.2584, 0.2867, 0.3470



16.9162, 0.3086, 0.3479



33.2192, 0.2934, 0.5764



2.6225, 0.2864, 0.5510

Inverse Universe

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



55.6110, 0.3249, 0.2828



61.6277, 0.3279, 0.2733



54.2514, 0.3477, 0.3118



15.2540, 0.3171, 0.3108



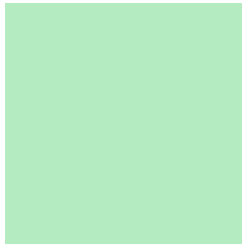
11.7637, 0.3854, 0.1897



0.9377, 0.3747, 0.1838

Previews

White Background



This preview shows how the Yxy color 72.9257, 0.3025, 0.3801 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 72.9257, 0.3025, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

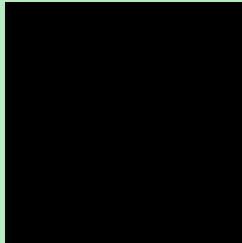
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

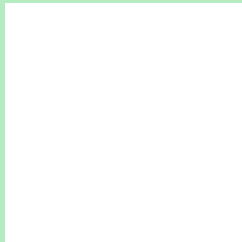
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9257, 0.3025, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 72.9257, 0.3025, 0.3801.

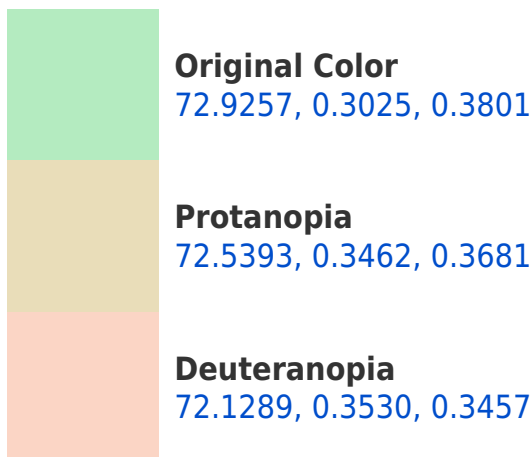


This preview shows how white text looks on a background with the Yxy color 72.9257, 0.3025, 0.3801.

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

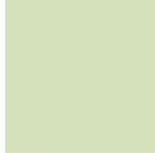
73.0878, 0.2774, 0.3090

Trichromacy



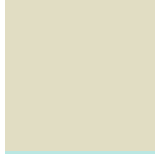
Original Color

72.9257, 0.3025, 0.3801



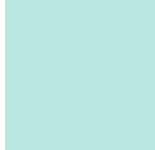
Protanomaly

72.3197, 0.3291, 0.3718



Deuteranomaly

71.6606, 0.3332, 0.3577



Tritanomaly

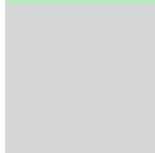
73.0819, 0.2864, 0.3346

Monochromacy



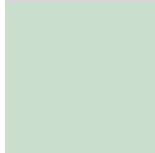
Original Color

72.9257, 0.3025, 0.3801



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.2553, 0.3090, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9257, 0.3025, 0.3801 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(180, 235, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 235, 192)  
}
```

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(180, 235, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 235, 192) }
```

Border

The CSS property to change the border of an element to Yxy 72.9257, 0.3025, 0.3801 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(180, 235, 192) }
```

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

```
.border{ border-color:rgb(180, 235, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 235, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 235, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 235, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 235,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9257, 0.3025, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 235, 192) }
```

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

```
.background{ background-color: rgb(180,  
235, 192) }
```

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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