

Converting Colors

$Yxy(74.3962, 0.3020, 0.3799)$

Have a look what the booklet for
Yxy(74.3962, 0.3020, 0.3799)
contains.

Yxy(74.2872, 0.3020, 0.3797)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.2872, 0.3020, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	B5EDC2
RGB	181, 237, 194
RGB Percent	71%, 93%, 76%
CMY	0.2901, 0.0706, 0.2391
CMYK	0.24, 0.00, 0.18, 0.07
HSL	134°, 61%, 82%
HSV	134°, 24%, 93%
XYZ	59.0854, 74.2872, 62.2745
YIQ	215.3540, -19.5730, -25.2450

Conversions

Conversions Part 2

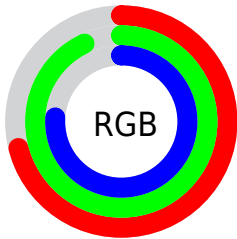
Format	Color
RYB	181, 226, 237
Decimal	11922882
CIELab	89.06, -26.11, 15.12
CIELCh	89, 30.171, 149.925
Yxy	74.2872, 0.3020, 0.3797
Android (android.graphics.Color)	4290112962 (0xFFB5EDC2)
YUV	215.3540, -10.5275, -30.1285
Hunter-Lab	86.1900, -28.4663, 17.4945

Details

The Yxy color **74.2872, 0.3020, 0.3797** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.4485, 0.3256, 0.2831**, and the grayscale version is **68.2971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6622, 0.3046, 0.3329**, and **39.4532, 0.2992, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **70.8957, 0.2977, 0.4054**, and if you desaturate by 10%, it is **78.2724, 0.3065, 0.3565**.

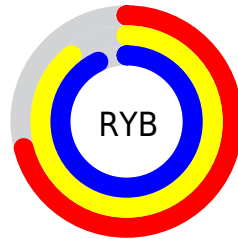
Distribution



Red (71%)

Green (93%)

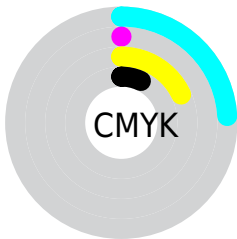
Blue (76%)



Red (71%)

Yellow (89%)

Blue (93%)

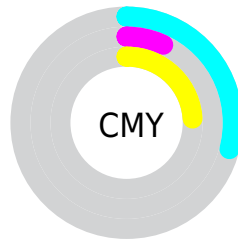


Cyan (24%)

Magenta (0%)

Yellow (18%)

Black (7%)



Cyan (29%)


Magenta (7%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2872, 0.3020, 0.3797 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 74.2872, 0.3020, 0.3797 by changing the saturation by 10% instead.

 74.2872, 0.3020,
0.3797

 74.2872, 0.3020,
0.3797


475.4640, 0.3074,
0.3555

 55.0291, 0.3007,
0.3854


 125.3028, 0.3039,
0.3711

 39.4250, 0.2990,
0.3926

157.8292, 0.3047,
0.3679

 27.0905, 0.2967,
0.4019


195.5472, 0.3053,
0.3650

 17.6412, 0.2937,
0.4142

238.8410, 0.3058,
0.3626

 10.6927, 0.2892,
0.4316

288.0953, 0.3063,
0.3605

 5.8606, 0.2821,
0.4576


343.6942, 0.3067,

 2.7605, 0.2694,

0.3586

0.5007

406.0224, 0.3070,
0.3570


 1.0080, 0.2324,
0.7420


 0.0000, 0.0000,
0.0000

 74.2872, 0.3020,
0.3797


 74.2872, 0.3020,
0.3797


 70.8957, 0.2977,
0.4054


 78.2724, 0.3065,
0.3565

 68.0603, 0.2940,
0.4331

 82.8684, 0.3111,
0.3358

 65.7536, 0.2910,
0.4623

 88.1029, 0.3156,
0.3177

 63.9419, 0.2891,
0.4916

 89.0463, 0.3135,
0.3117

■ 62.5875, 0.2886,
0.5197

■ 61.6475, 0.2895,
0.5450

■ 61.0697, 0.2917,
0.5658

■ 60.8421, 0.2935,
0.5765

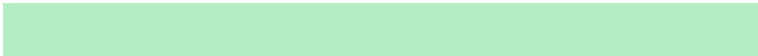
Harmonies

Analogous

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



74.2872, 0.3380, 0.3936



74.2872, 0.3020, 0.3797



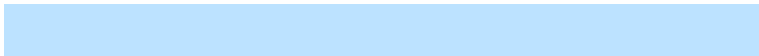
74.2872, 0.2701, 0.3495

Triad

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



74.2872, 0.3020, 0.3797



74.2872, 0.2583, 0.2718



74.2872, 0.3795, 0.3374

Complementary

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



74.2872, 0.3020, 0.3797



56.4485, 0.3256, 0.2831

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.



74.2872, 0.3557, 0.3084



74.2872, 0.3020, 0.3797



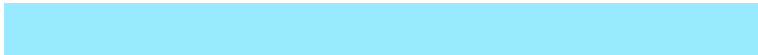
74.2872, 0.2849, 0.2717

Square

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



74.2872, 0.3020, 0.3797



74.2872, 0.2460, 0.2866



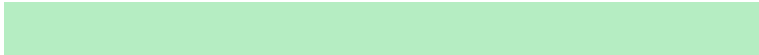
74.2872, 0.3204, 0.2849



74.2872, 0.3840, 0.3661

Rectangle

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



74.2872, 0.3020, 0.3797



74.2872, 0.2552, 0.3260



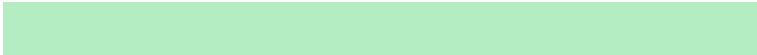
74.2872, 0.3204, 0.2849



74.2872, 0.3734, 0.3274

Sweetspot

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



74.2903, 0.3020, 0.3797



95.9187, 0.3095, 0.3426



79.8909, 0.3397, 0.3897



20.4589, 0.3092, 0.3438



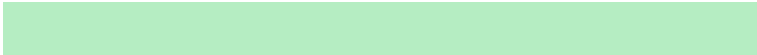
0.0000, 0.0000, 0.0000



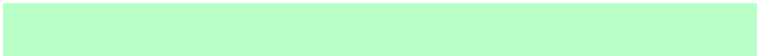
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2903, 0.3020, 0.3797



85.8390, 0.3000, 0.3910



75.6223, 0.2865, 0.3471



16.9194, 0.3084, 0.3476



33.2353, 0.2928, 0.5740



2.6242, 0.2856, 0.5481

Inverse Universe

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



56.4485, 0.3256, 0.2831



61.5735, 0.3286, 0.2742



55.0923, 0.3480, 0.3117



15.2505, 0.3173, 0.3111



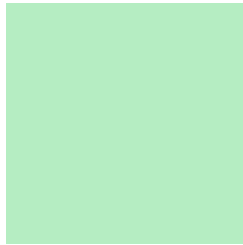
11.6951, 0.3898, 0.1921



0.9328, 0.3783, 0.1858

Previews

White Background



This preview shows how the Yxy color 74.2872, 0.3020, 0.3797 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 74.2872, 0.3020, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

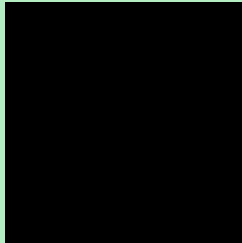
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

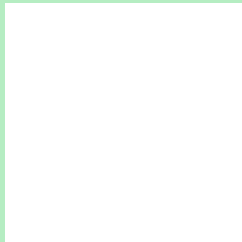
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2872, 0.3020, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 74.2872, 0.3020, 0.3797.

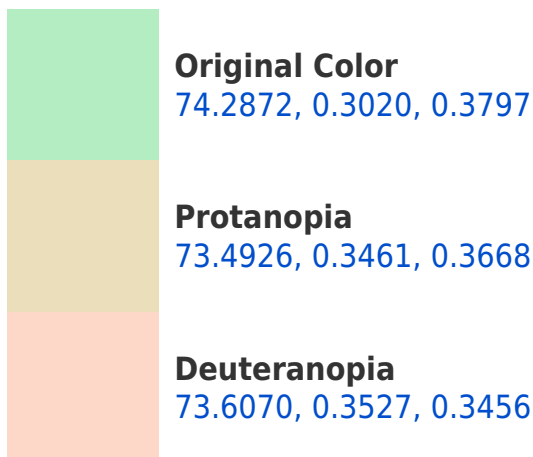


This preview shows how white text looks on a background with the Yxy color 74.2872, 0.3020, 0.3797.

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

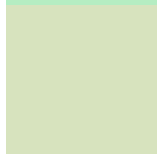
74.4473, 0.2771, 0.3091

Trichromacy



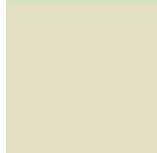
Original Color

74.2872, 0.3020, 0.3797



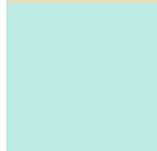
Protanomaly

73.1029, 0.3284, 0.3705



Deuteranomaly

73.1375, 0.3330, 0.3574



Tritanomaly

74.4441, 0.2860, 0.3346

Monochromacy



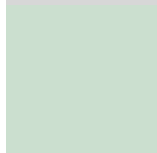
Original Color

74.2872, 0.3020, 0.3797



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.9769, 0.3091, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2872, 0.3020, 0.3797 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(181, 237, 194)` looks like.

```
.text, #text, p{  
    color:rgb(181, 237, 194)  
}
```

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(181, 237, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 237, 194) }
```

Border

The CSS property to change the border of an element to Yxy 74.2872, 0.3020, 0.3797 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(181, 237, 194) }
```

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

```
.border{ border-color:rgb(181, 237, 194) }
```

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

Here you see how a box with a 4 pixel rgb(181, 237, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 237, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 237, 194);  
box-shadow:4px 4px 4px 4px rgb(181, 237,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2872, 0.3020, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 237, 194) }
```

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

```
.background{ background-color: rgb(181,  
237, 194) }
```

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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