

Converting Colors

$Yxy(74.8905, 0.3062, 0.3867)$

Have a look what the booklet for
Yxy(74.8905, 0.3062, 0.3867)
contains.

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Color

Yxy(74.8905, 0.3062, 0.3867)

Conversions

Conversions Part 1

Format	Color
Hex	B7EEBD
RGB	183, 238, 189
RGB Percent	72%, 93%, 74%
CMY	0.2821, 0.0667, 0.2588
CMYK	0.23, 0.00, 0.21, 0.07
HSL	126°, 62%, 83%
HSV	126°, 23%, 93%
XYZ	59.3004, 74.8905, 59.4747
YIQ	215.9690, -17.0510, -26.8990

Conversions

Conversions Part 2

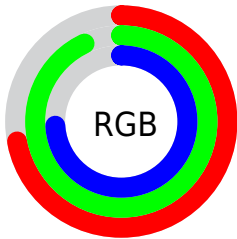
Format	Color
RYB	183, 233, 238
Decimal	12054205
CIELab	89.34, -26.81, 18.14
CIElCh	89, 32.371, 145.929
Yxy	74.8905, 0.3062, 0.3867
Android (android.graphics.Color)	4290244285 (0xFFB7EEBD)
YUV	215.9690, -13.2957, -28.9138
Hunter-Lab	86.5393, -29.1280, 19.8301

Details

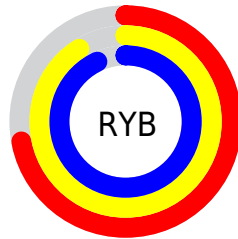
The Yxy color **74.8905, 0.3062, 0.3867** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.9005, 0.3199, 0.2774**, and the grayscale version is **68.7586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6378, 0.3092, 0.3388**, and **39.9006, 0.3037, 0.4009** is the 20% darker color. If you saturate the color by 10%, you get **71.3610, 0.3034, 0.4166**, and if you desaturate by 10%, it is **79.0547, 0.3091, 0.3597**.

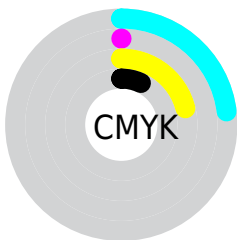
Distribution



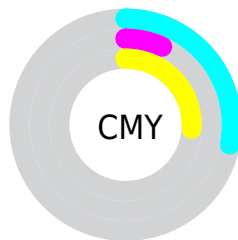
- Red (72%)
- Green (93%)
- Blue (74%)



- Red (72%)
- Yellow (91%)
- Blue (93%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (7%)




- Cyan (28%)
- Magenta (7%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8905, 0.3062, 0.3867 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 74.8905, 0.3062, 0.3867 by changing the saturation by 10% instead.


 74.8905, 0.3062,
0.3867

 74.8905, 0.3062,
0.3867

477.5411, 0.3097,
0.3591

 55.5232, 0.3053,
0.3932

 126.1573, 0.3075,
0.3769

 39.8208, 0.3040,
0.4014


158.8257, 0.3080,
0.3732

 27.3988, 0.3023,
0.4120


196.6965, 0.3084,
0.3700

 17.8730, 0.2999,
0.4261

240.1541, 0.3088,
0.3672

 10.8588, 0.2963,
0.4458

289.5830, 0.3091,
0.3648

 5.9720, 0.2902,
0.4753

345.3675, 0.3093,

 2.8281, 0.2785,

0.3627

0.5238

407.8921, 0.3095,
0.3608

■ 1.0426, 0.2395,
0.7605

■ 0.0000, 0.0000,
0.0000

■ 74.8905, 0.3062,
0.3867

■ 74.8905, 0.3062,
0.3867

■ 71.3610, 0.3034,
0.4166

■ 79.0547, 0.3091,
0.3597

■ 68.4261, 0.3008,
0.4487

■ 83.8727, 0.3119,
0.3358

■ 66.0558, 0.2986,
0.4818

■ 89.3744, 0.3146,
0.3148

■ 64.2135, 0.2970,
0.5143

■ 89.6236, 0.3135,
0.3127

■ 62.8585, 0.2963,
0.5438

■ 61.9441, 0.2964,
0.5682

■ 61.4140, 0.2974,
0.5857

■ 61.2169, 0.2982,
0.5936

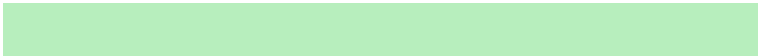
Harmonies

Analogous

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



74.8905, 0.3445, 0.3986



74.8905, 0.3062, 0.3867



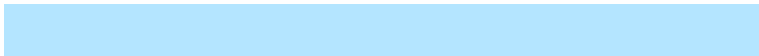
74.8905, 0.2711, 0.3559

Triad

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



74.8905, 0.3062, 0.3867



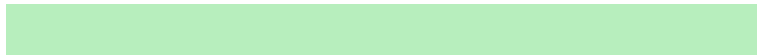
74.8905, 0.2520, 0.2692



74.8905, 0.3819, 0.3335

Complementary

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



74.8905, 0.3062, 0.3867



57.9005, 0.3199, 0.2774

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.



74.8905, 0.3541, 0.3032



74.8905, 0.3062, 0.3867



74.8905, 0.2784, 0.2672

Square

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



74.8905, 0.3062, 0.3867



74.8905, 0.2412, 0.2868



74.8905, 0.3156, 0.2795



74.8905, 0.3897, 0.3645

Rectangle

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



74.8905, 0.3062, 0.3867



74.8905, 0.2539, 0.3306



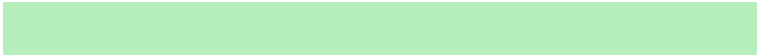
74.8905, 0.3156, 0.2795



74.8905, 0.3745, 0.3230

Sweetspot

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



74.8937, 0.3062, 0.3867



95.7870, 0.3108, 0.3448



81.8047, 0.3436, 0.3874



20.4285, 0.3106, 0.3463



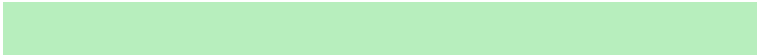
0.0000, 0.0000, 0.0000



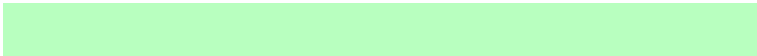
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8937, 0.3062, 0.3867



85.4365, 0.3048, 0.4014



76.1784, 0.2907, 0.3542



17.6841, 0.3101, 0.3507



34.1650, 0.2978, 0.5922



2.8513, 0.2933, 0.5759

Inverse Universe

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



57.9005, 0.3199, 0.2774



62.1081, 0.3218, 0.2660



56.4807, 0.3417, 0.3052



16.0003, 0.3154, 0.3082



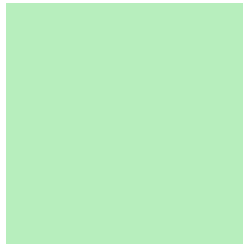
12.8128, 0.3501, 0.1703



1.0743, 0.3458, 0.1679

Previews

White Background



This preview shows how the Yxy color 74.8905, 0.3062, 0.3867 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 74.8905, 0.3062, 0.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

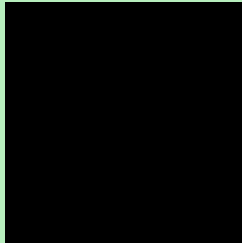
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

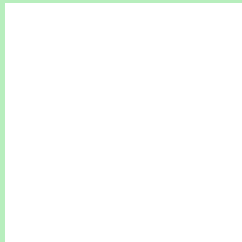
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8905, 0.3062, 0.3867

Background



This preview shows how black text looks on a background with the Yxy color 74.8905, 0.3062, 0.3867.

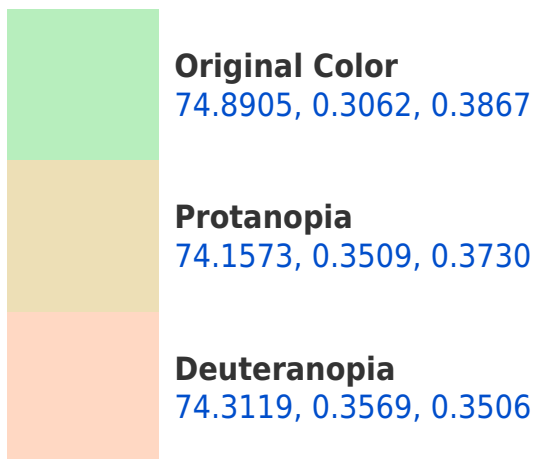


This preview shows how white text looks on a background with the Yxy color 74.8905, 0.3062, 0.3867.

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

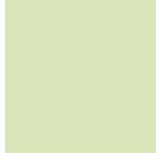
74.8403, 0.2788, 0.3092

Trichromacy



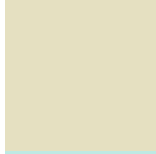
Original Color

74.8905, 0.3062, 0.3867



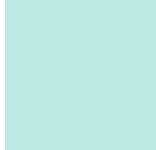
Protanomaly

73.7413, 0.3330, 0.3771



Deuteranomaly

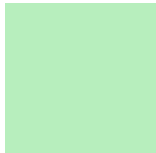
73.8196, 0.3371, 0.3628



Tritanomaly

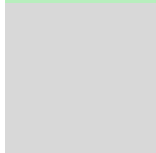
74.7710, 0.2884, 0.3357

Monochromacy



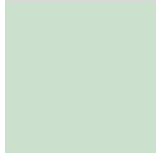
Original Color

74.8905, 0.3062, 0.3867



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.6049, 0.3104, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8905, 0.3062, 0.3867 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, 238, 189)` looks like.

```
.text, #text, p{  
    color:rgb(183, 238, 189)  
}
```

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, 238, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 238, 189) }
```

Border

The CSS property to change the border of an element to Yxy 74.8905, 0.3062, 0.3867 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, 238, 189) }
```

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

```
.border{ border-color:rgb(183, 238, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 238, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 238, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 238, 189);  
box-shadow:4px 4px 4px 4px rgb(183, 238,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8905, 0.3062, 0.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 238, 189) }
```

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

```
.background{ background-color: rgb(183,  
238, 189) }
```

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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