

Converting Colors

$Yxy(73.6976, 0.3044, 0.3822)$

Have a look what the booklet for
Yxy(73.6976, 0.3044, 0.3822)
contains.

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Color

Yxy(73.6976, 0.3044, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	B6ECBF
RGB	182, 236, 191
RGB Percent	71%, 93%, 75%
CMY	0.2862, 0.0745, 0.2509
CMYK	0.23, 0.00, 0.19, 0.07
HSL	130°, 59%, 82%
HSV	130°, 23%, 93%
XYZ	58.6958, 73.6976, 60.4313
YIQ	214.7240, -17.7390, -25.4430

Conversions

Conversions Part 2

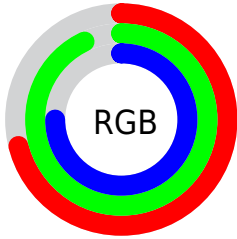
Format	Color
RYB	182, 228, 236
Decimal	11988159
CIELab	88.78, -25.85, 16.29
CIELCh	89, 30.555, 147.774
Yxy	73.6976, 0.3044, 0.3822
Android (android.graphics.Color)	4290178239 (0xFFB6ECBF)
YUV	214.7240, -11.6959, -28.6989
Hunter-Lab	85.8473, -28.1881, 18.3566

Details

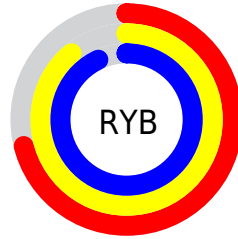
The Yxy color **73.6976, 0.3044, 0.3822** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.8437, 0.3223, 0.2811**, and the grayscale version is **67.8533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5861, 0.3074, 0.3369**, and **39.0379, 0.3022, 0.3967** is the 20% darker color. If you saturate the color by 10%, you get **70.2563, 0.3009, 0.4100**, and if you desaturate by 10%, it is **77.7457, 0.3080, 0.3571**.

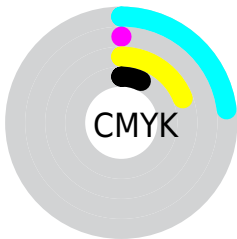
Distribution



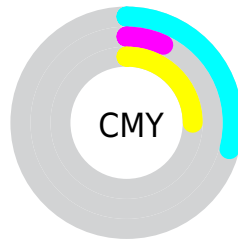
- Red (71%)
- Green (93%)
- Blue (75%)



- Red (71%)
- Yellow (89%)
- Blue (93%)



- Cyan (23%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)




- Cyan (29%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6976, 0.3044, 0.3822 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 73.6976, 0.3044, 0.3822 by changing the saturation by 10% instead.

 73.6976, 0.3044,
0.3822

 73.6976, 0.3044,
0.3822


473.4290, 0.3087,
0.3567

 54.5466, 0.3033,
0.3882


 124.4670, 0.3060,
0.3732

 39.0388, 0.3019,
0.3958


156.8542, 0.3066,
0.3697

 26.7899, 0.3000,
0.4056

194.4223, 0.3071,
0.3668

 17.4155, 0.2973,
0.4186

237.5556, 0.3075,
0.3642

 10.5312, 0.2934,
0.4370

286.6385, 0.3079,
0.3620

 5.7525, 0.2869,
0.4646


342.0555, 0.3082,

 2.6952, 0.2750,

0.3600


0.5104


404.1908, 0.3084,
0.3583

 0.9748, 0.2310,
0.7690


 0.0000, 0.0000,
0.0000


 73.6976, 0.3044,
0.3822


 73.6976, 0.3044,
0.3822

 70.2563, 0.3009,
0.4100


 77.7457, 0.3080,
0.3571


 67.3834, 0.2977,
0.4400

 82.4180, 0.3117,
0.3349

 65.0510, 0.2952,
0.4712

 87.7430, 0.3152,
0.3154

 63.2246, 0.2934,
0.5024

 88.4706, 0.3136,
0.3107

■ 61.8661, 0.2928,
0.5316

■ 60.9315, 0.2933,
0.5570

■ 60.3684, 0.2949,
0.5767

■ 60.1393, 0.2964,
0.5869

Harmonies

Analogous

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



73.6976, 0.3409, 0.3948



73.6976, 0.3044, 0.3822



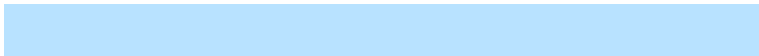
73.6976, 0.2715, 0.3524

Triad

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



73.6976, 0.3044, 0.3822



73.6976, 0.2561, 0.2716



73.6976, 0.3794, 0.3353

Complementary

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



73.6976, 0.3044, 0.3822



56.8437, 0.3223, 0.2811

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.



73.6976, 0.3540, 0.3061



73.6976, 0.3044, 0.3822



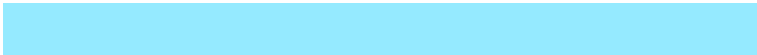
73.6976, 0.2821, 0.2704

Square

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



73.6976, 0.3044, 0.3822



73.6976, 0.2448, 0.2876



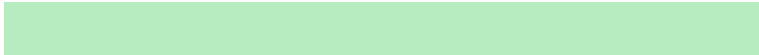
73.6976, 0.3178, 0.2830



73.6976, 0.3855, 0.3647

Rectangle

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



73.6976, 0.3044, 0.3822



73.6976, 0.2556, 0.3284



73.6976, 0.3178, 0.2830



73.6976, 0.3728, 0.3252

Sweetspot

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



73.7007, 0.3044, 0.3822



95.8491, 0.3102, 0.3438



79.7003, 0.3408, 0.3873



20.4429, 0.3100, 0.3451



0.0000, 0.0000, 0.0000



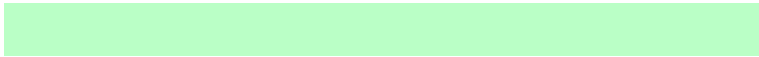
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7007, 0.3044, 0.3822



86.0379, 0.3029, 0.3937



75.0006, 0.2888, 0.3497



16.9031, 0.3093, 0.3492



33.1627, 0.2958, 0.5850



2.6162, 0.2895, 0.5622

Inverse Universe

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



56.8437, 0.3223, 0.2811



62.9438, 0.3244, 0.2720



55.4683, 0.3444, 0.3093



15.2681, 0.3163, 0.3096



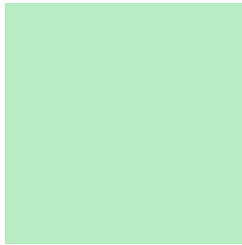
12.0600, 0.3681, 0.1801



0.9585, 0.3604, 0.1759

Previews

White Background



This preview shows how the Yxy color 73.6976, 0.3044, 0.3822 looks on a white background.

Color Contrast Check

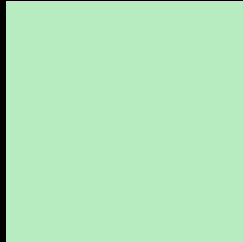
Large Text (above 18pt) WCAG AA × Fail

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 73.6976, 0.3044, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

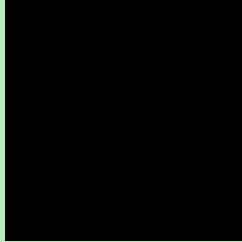
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

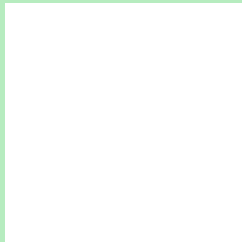
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6976, 0.3044, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 73.6976, 0.3044, 0.3822.

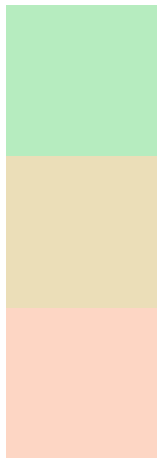


This preview shows how white text looks on a background with the Yxy color 73.6976, 0.3044, 0.3822.

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



Original Color

73.6976, 0.3044, 0.3822

Protanopia

73.3654, 0.3482, 0.3700

Deuteranopia

72.9613, 0.3551, 0.3477



Tritanopia

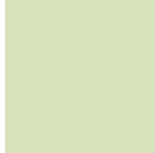
73.4087, 0.2780, 0.3080

Trichromacy



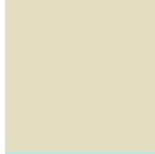
Original Color

73.6976, 0.3044, 0.3822



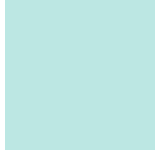
Protanomaly

73.1250, 0.3311, 0.3739



Deuteranomaly

72.4685, 0.3352, 0.3597



Tritanomaly

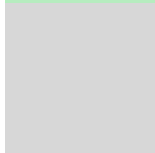
73.3892, 0.2871, 0.3335

Monochromacy



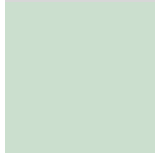
Original Color

73.6976, 0.3044, 0.3822



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.9281, 0.3097, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6976, 0.3044, 0.3822 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(182, 236, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 236, 191)  
}
```

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(182, 236, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 236, 191) }
```

Border

The CSS property to change the border of an element to Yxy 73.6976, 0.3044, 0.3822 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(182, 236, 191) }
```

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

```
.border{ border-color:rgb(182, 236, 191) }
```

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

Here you see how a box with a 4 pixel rgb(182, 236, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 236, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 236, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 236,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6976, 0.3044, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 236, 191) }
```

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

```
.background{ background-color: rgb(182,  
236, 191) }
```

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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