

Converting Colors

$Yxy(73.5599, 0.3179, 0.4021)$

Have a look what the booklet for
Yxy(73.5599, 0.3179, 0.4021)
contains.

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Color

Yxy(73.6117, 0.3178, 0.4024)

Conversions

Conversions Part 1

Format	Color
Hex	BBECAE
RGB	187, 236, 174
RGB Percent	73%, 93%, 68%
CMY	0.2665, 0.0745, 0.3177
CMYK	0.21, 0.00, 0.26, 0.07
HSL	107°, 62%, 80%
HSV	107°, 26%, 93%
XYZ	58.1357, 73.6117, 51.1843
YIQ	214.2810, -9.3020, -29.6700

Conversions

Conversions Part 2

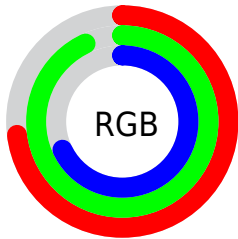
Format	Color
RYB	174, 236, 223
Decimal	12315822
CIELab	88.74, -27.03, 25.07
CIELCh	89, 36.870, 137.150
Yxy	73.6117, 0.3178, 0.4024
Android (android.graphics.Color)	4290505902 (0xFFBBECAE)
YUV	214.2810, -19.8585, -23.9254
Hunter-Lab	85.7973, -29.1947, 24.6873

Details

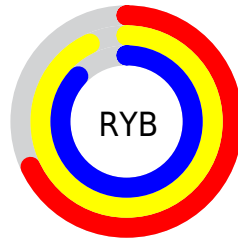
The Yxy color **73.6117, 0.3178, 0.4024** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.0052, 0.3051, 0.2615**, and the grayscale version is **67.5916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4663, 0.3203, 0.3537**, and **39.0095, 0.3183, 0.4216** is the 20% darker color. If you saturate the color by 10%, you get **70.5735, 0.3190, 0.4350**, and if you desaturate by 10%, it is **77.1229, 0.3161, 0.3721**.

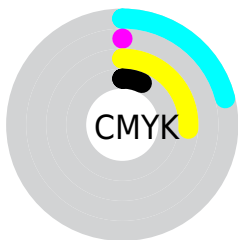
Distribution



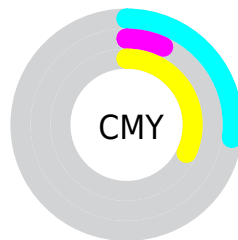
- Red (73%)
- Green (93%)
- Blue (68%)



- Red (68%)
- Yellow (93%)
- Blue (87%)



- Cyan (21%)
- Magenta (0%)
- Yellow (26%)
- Black (7%)





- Cyan (27%)
- Magenta (7%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6117, 0.3178, 0.4024 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 73.6117, 0.3178, 0.4024 by changing the saturation by 10% instead.

 73.6117, 0.3178,
0.4024

 73.6117, 0.3178,
0.4024

473.1321, 0.3163,
0.3671

 54.4763, 0.3179,
0.4108

 124.3452, 0.3174,
0.3899

 38.9826, 0.3179,
0.4213

156.7121, 0.3173,
0.3851

 26.7462, 0.3178,
0.4349


194.2583, 0.3171,
0.3810

 17.3827, 0.3171,
0.4530

237.3681, 0.3169,
0.3775

 10.5077, 0.3156,
0.4783

286.4260, 0.3167,
0.3744

 5.7369, 0.3116,
0.5157

341.8164, 0.3166,

 2.6857, 0.3056,

0.3716

0.5843

403.9236, 0.3164,
0.3692

0.9700, 0.2112,
0.7888

0.0000, 0.0000,
0.0000

73.6117, 0.3178,
0.4024

73.6117, 0.3178,
0.4024

70.5735, 0.3190,
0.4350

77.1229, 0.3161,
0.3721

67.9787, 0.3196,
0.4688

81.1164, 0.3141,
0.3447

65.8089, 0.3193,
0.5023

85.6132, 0.3119,
0.3202

64.0405, 0.3179,
0.5333

88.4691, 0.3136,
0.3107

■ 62.6477, 0.3155,
0.5597

■ 61.6012, 0.3121,
0.5794

■ 60.8668, 0.3081,
0.5915

■ 60.6587, 0.3068,
0.5946

Harmonies

Analogous

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



73.6117, 0.3604, 0.4080



73.6117, 0.3178, 0.4024



73.6117, 0.2757, 0.3720

Triad

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



73.6117, 0.3178, 0.4024



73.6117, 0.2382, 0.2648



73.6117, 0.3848, 0.3231

Complementary

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



73.6117, 0.3178, 0.4024



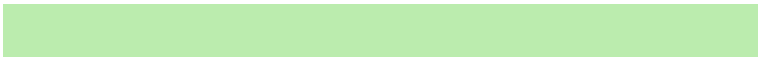
52.0052, 0.3051, 0.2615

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.



73.6117, 0.3477, 0.2907



73.6117, 0.3178, 0.4024



73.6117, 0.2631, 0.2578

Square

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



73.6117, 0.3178, 0.4024



73.6117, 0.2317, 0.2894



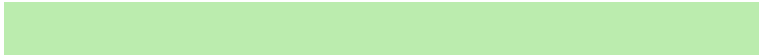
73.6117, 0.3026, 0.2674



73.6117, 0.4010, 0.3588

Rectangle

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



73.6117, 0.3178, 0.4024



73.6117, 0.2533, 0.3435



73.6117, 0.3026, 0.2674



73.6117, 0.3742, 0.3117

Sweetspot

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



73.6149, 0.3178, 0.4024



95.8272, 0.3144, 0.3493



73.4300, 0.3558, 0.3814



20.3523, 0.3147, 0.3533



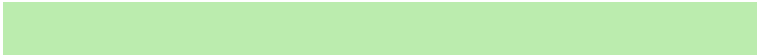
0.0000, 0.0000, 0.0000



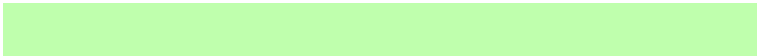
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6149, 0.3178, 0.4024



85.5737, 0.3186, 0.4213



72.7733, 0.2990, 0.3823



17.0148, 0.3147, 0.3531



33.4821, 0.3076, 0.5940



2.6696, 0.3165, 0.5869

Inverse Universe

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



52.0052, 0.3051, 0.2615



55.4081, 0.3029, 0.2458



53.1863, 0.3300, 0.2811



15.1445, 0.3104, 0.3055



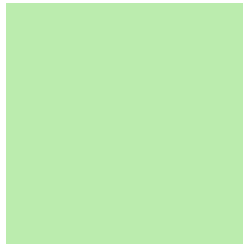
9.1733, 0.2682, 0.1251



0.7603, 0.2759, 0.1293

Previews

White Background



This preview shows how the Yxy color 73.6117, 0.3178, 0.4024 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 73.6117, 0.3178, 0.4024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

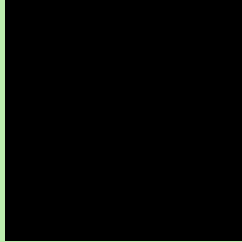
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6117, 0.3178, 0.4024

Background



This preview shows how black text looks on a background with the Yxy color 73.6117, 0.3178, 0.4024.

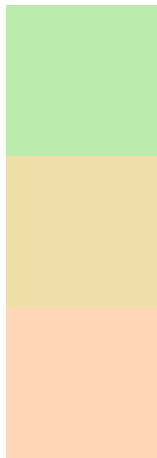


This preview shows how white text looks on a background with the Yxy color 73.6117, 0.3178, 0.4024.

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

73.6117, 0.3178, 0.4024

Protanopia

73.2468, 0.3616, 0.3870

Deuteranopia

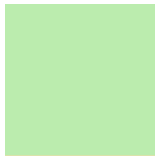
72.8138, 0.3656, 0.3600



Tritanopia

73.6729, 0.2834, 0.3093

Trichromacy



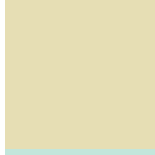
Original Color

73.6117, 0.3178, 0.4024



Protanomaly

72.9005, 0.3445, 0.3928



Deuteranomaly

72.3608, 0.3472, 0.3750



Tritanomaly

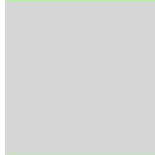
73.3102, 0.2962, 0.3414

Monochromacy



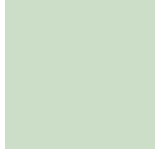
Original Color

73.6117, 0.3178, 0.4024



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.2034, 0.3150, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6117, 0.3178, 0.4024 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(187, 236, 174)` looks like.

```
.text, #text, p{  
    color:rgb(187, 236, 174)  
}
```

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(187, 236, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 236, 174) }
```

Border

The CSS property to change the border of an element to Yxy 73.6117, 0.3178, 0.4024 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(187, 236, 174) }
```

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

```
.border{ border-color:rgb(187, 236, 174) }
```

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

Here you see how a box with a 4 pixel rgb(187, 236, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 236, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 236, 174);  
box-shadow:4px 4px 4px 4px rgb(187, 236,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6117, 0.3178, 0.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 236, 174) }
```

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

```
.background{ background-color: rgb(187,  
236, 174) }
```

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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