

Converting Colors

$Yxy(67.0545, 0.3125, 0.3895)$

Have a look what the booklet for
Yxy(67.0545, 0.3125, 0.3895)
contains.

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Color

Yxy(67.2306, 0.3126, 0.3902)

Conversions

Conversions Part 1

Format	Color
Hex	B4E2B0
RGB	180, 226, 176
RGB Percent	71%, 89%, 69%
CMY	0.2940, 0.1137, 0.3098
CMYK	0.20, 0.00, 0.22, 0.11
HSL	115°, 46%, 79%
HSV	115°, 22%, 89%
XYZ	53.8603, 67.2306, 51.2069
YIQ	206.5460, -11.3660, -25.3020

Conversions

Conversions Part 2

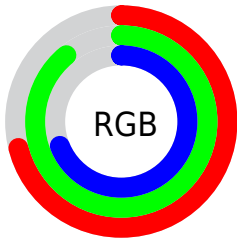
Format	Color
RYB	176, 226, 222
Decimal	11854512
CIELab	85.62, -24.26, 19.68
CIELCh	86, 31.236, 140.957
Yxy	67.2306, 0.3126, 0.3902
Android (android.graphics.Color)	4290044592 (0xFFB4E2B0)
YUV	206.5460, -15.0592, -23.2808
Hunter-Lab	81.9943, -26.2371, 20.3683

Details

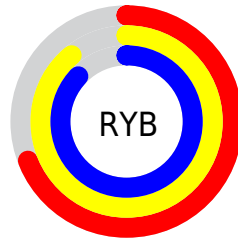
The Yxy color **67.2306, 0.3126, 0.3902** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.0606, 0.3119, 0.2736**, and the grayscale version is **62.1987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1791, 0.3141, 0.3521**, and **34.6151, 0.3117, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **64.1024, 0.3122, 0.4228**, and if you desaturate by 10%, it is **70.8871, 0.3128, 0.3606**.

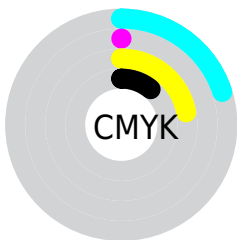
Distribution



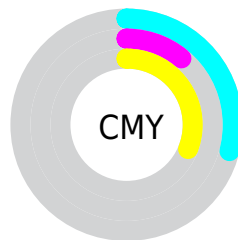
- Red (71%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)




- Cyan (29%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2306, 0.3126, 0.3902 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 67.2306, 0.3126, 0.3902 by changing the saturation by 10% instead.


 67.2306, 0.3126,
0.3902

 67.2306, 0.3126,
0.3902


450.7652, 0.3132,
0.3604

 49.2721, 0.3123,
0.3974


 115.2508, 0.3129,
0.3795

 34.8353, 0.3118,
0.4065


146.0812, 0.3130,
0.3755

 23.5361, 0.3110,
0.4183


181.9710, 0.3131,
0.3720

 14.9898, 0.3098,
0.4344

223.3047, 0.3132,
0.3691

 8.8122, 0.3074,
0.4573

270.4665, 0.3132,
0.3665

 4.6189, 0.3026,
0.4924

323.8409, 0.3132,

 2.0255, 0.2968,

0.3642

383.8123, 0.3132,
0.3622

0.5623

0.6222, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

67.2306, 0.3126,
0.3902

67.2306, 0.3126,
0.3902

64.1024, 0.3122,
0.4228

70.8871, 0.3128,
0.3606

61.4700, 0.3114,
0.4575

75.0857, 0.3127,
0.3342

59.3104, 0.3102,
0.4927

79.8502, 0.3126,
0.3111

57.5954, 0.3087,
0.5263

82.8717, 0.3140,
0.3009

■ 56.2941, 0.3069,
0.5557

■ 55.3712, 0.3048,
0.5783

■ 54.7856, 0.3027,
0.5927

■ 54.5230, 0.3015,
0.5988

Harmonies

Analogous

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



67.2306, 0.3504, 0.3984



67.2306, 0.3126, 0.3902



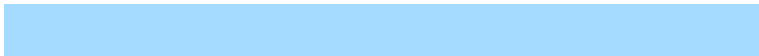
67.2306, 0.2763, 0.3619

Triad

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



67.2306, 0.3126, 0.3902



67.2306, 0.2490, 0.2710



67.2306, 0.3785, 0.3282

Complementary

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



67.2306, 0.3126, 0.3902



52.0606, 0.3119, 0.2736

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.



67.2306, 0.3481, 0.2986



67.2306, 0.3126, 0.3902



67.2306, 0.2731, 0.2664

Square

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



67.2306, 0.3126, 0.3902



67.2306, 0.2411, 0.2911



67.2306, 0.3090, 0.2766



67.2306, 0.3900, 0.3596

Rectangle

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



67.2306, 0.3126, 0.3902



67.2306, 0.2576, 0.3369



67.2306, 0.3090, 0.2766



67.2306, 0.3701, 0.3178

Sweetspot

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



67.2335, 0.3126, 0.3902



95.9232, 0.3128, 0.3467



71.4555, 0.3469, 0.3798



20.4599, 0.3128, 0.3483



0.0000, 0.0000, 0.0000



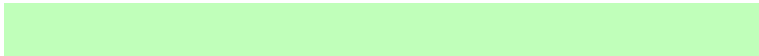
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2335, 0.3126, 0.3902



86.2412, 0.3124, 0.4063



67.6441, 0.2971, 0.3643



15.3899, 0.3128, 0.3531



31.1263, 0.3019, 0.5985



2.1762, 0.3071, 0.5943

Inverse Universe

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



52.0606, 0.3119, 0.2736



62.6203, 0.3116, 0.2607



51.6314, 0.3323, 0.2962



13.8763, 0.3125, 0.3058



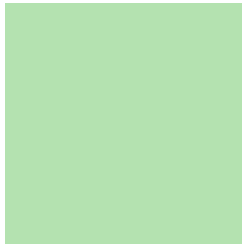
10.7849, 0.3008, 0.1430



0.7645, 0.3041, 0.1449

Previews

White Background



This preview shows how the Yxy color 67.2306, 0.3126, 0.3902 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 67.2306, 0.3126, 0.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

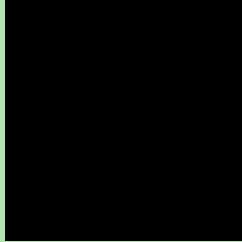
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

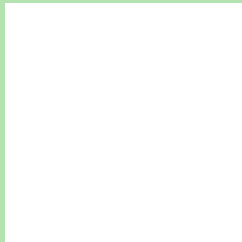
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2306, 0.3126, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 67.2306, 0.3126, 0.3902.



This preview shows how white text looks on a background with the Yxy color 67.2306, 0.3126, 0.3902.

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

67.2306, 0.3126, 0.3902

Protanopia

66.8217, 0.3541, 0.3772

Deuteranopia

66.5508, 0.3639, 0.3558



Tritanopia

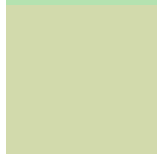
67.0881, 0.2829, 0.3096

Trichromacy



Original Color

67.2306, 0.3126, 0.3902



Protanomaly

66.8230, 0.3382, 0.3824



Deuteranomaly

66.3728, 0.3436, 0.3675



Tritanomaly

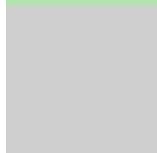
67.0070, 0.2931, 0.3372

Monochromacy



Original Color

67.2306, 0.3126, 0.3902



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

63.9490, 0.3124, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2306, 0.3126, 0.3902 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, 226, 176)` looks like.

```
.text, #text, p{  
    color:rgb(180, 226, 176)  
}
```

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, 226, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 226, 176) }
```

Border

The CSS property to change the border of an element to Yxy 67.2306, 0.3126, 0.3902 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, 226, 176) }
```

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

```
.border{ border-color:rgb(180, 226, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 226, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 226, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 226, 176); box-shadow:4px 4px 4px 4px rgb(180, 226, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2306, 0.3126, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 226, 176) }
```

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

```
.background{ background-color: rgb(180,  
226, 176) }
```

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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