

Converting Colors

$Yxy(60.3071, 0.3087, 0.3570)$

Have a look what the booklet for
Yxy(60.3071, 0.3087, 0.3570)
contains.

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Color

Yxy(60.4097, 0.3084, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	B8D3BC
RGB	184, 211, 188
RGB Percent	72%, 83%, 74%
CMY	0.2787, 0.1725, 0.2627
CMYK	0.13, 0.00, 0.11, 0.17
HSL	129°, 24%, 77%
HSV	129°, 13%, 83%
XYZ	52.1275, 60.4097, 56.4883
YIQ	200.3050, -8.7090, -12.8770

Conversions

Conversions Part 2

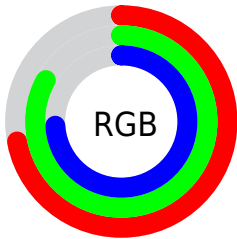
Format	Color
RYB	184, 208, 211
Decimal	12112828
CIELab	82.06, -13.40, 8.36
CIELCh	82, 15.798, 148.029
Yxy	60.4097, 0.3084, 0.3574
Android (android.graphics.Color)	4290302908 (0xFFB8D3BC)
YUV	200.3050, -6.0664, -14.2995
Hunter-Lab	77.7237, -16.3007, 11.3156

Details

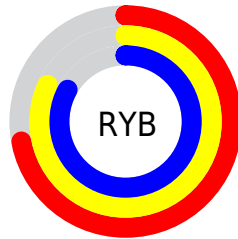
The Yxy color **60.4097, 0.3084, 0.3574** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.6111, 0.3173, 0.3022**, and the grayscale version is **57.9940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5769, 0.3097, 0.3398**, and **30.3515, 0.3072, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **57.2725, 0.3050, 0.3828**, and if you desaturate by 10%, it is **64.0369, 0.3118, 0.3349**.

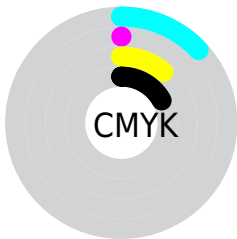
Distribution



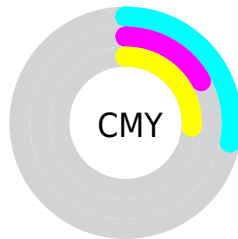
- Red (72%)
- Green (83%)
- Blue (74%)



- Red (72%)
- Yellow (82%)
- Blue (83%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)




- Cyan (28%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4097, 0.3084, 0.3574 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 60.4097, 0.3084, 0.3574 by changing the saturation by 10% instead.


 60.4097, 0.3084,
0.3574

 60.4097, 0.3084,
0.3574


426.1063, 0.3106,
0.3435

 43.7489, 0.3078,
0.3608


 105.4238, 0.3092,
0.3524

 30.4732, 0.3071,
0.3650


134.5459, 0.3095,
0.3506

 20.1980, 0.3061,
0.3706


168.5905, 0.3098,
0.3490

 12.5391, 0.3048,
0.3782

207.9422, 0.3100,
0.3476

 7.1119, 0.3027,
0.3893

252.9852, 0.3102,
0.3464

 3.5322, 0.2993,
0.4066

304.1039, 0.3103,

 1.4155, 0.2928,

0.3453

0.4382

361.6828, 0.3105,
0.3444

0.2281, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.4097, 0.3084,
0.3574

60.4097, 0.3084,
0.3574

57.2725, 0.3050,
0.3828

64.0369, 0.3118,
0.3349

54.5969, 0.3017,
0.4109

68.1658, 0.3150,
0.3151

52.3634, 0.2987,
0.4412

72.8173, 0.3181,
0.2980

50.5478, 0.2962,
0.4728

75.0785, 0.3147,
0.2861

■ 49.1240, 0.2946,
0.5043

■ 48.0626, 0.2938,
0.5336

■ 47.3301, 0.2942,
0.5589

■ 46.8866, 0.2956,
0.5784

■ 46.7008, 0.2968,
0.5884

Harmonies

Analogous

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



60.4097, 0.3287, 0.3647



60.4097, 0.3084, 0.3574



60.4097, 0.2898, 0.3417

Triad

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



60.4097, 0.3084, 0.3574



60.4097, 0.2809, 0.2967



60.4097, 0.3493, 0.3334

Complementary

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



60.4097, 0.3084, 0.3574



52.6111, 0.3173, 0.3022

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.



60.4097, 0.3357, 0.3164



60.4097, 0.3084, 0.3574



60.4097, 0.2961, 0.2956

Square

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



60.4097, 0.3084, 0.3574



60.4097, 0.2743, 0.3064



60.4097, 0.3161, 0.3028



60.4097, 0.3527, 0.3499

Rectangle

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



60.4097, 0.3084, 0.3574



60.4097, 0.2806, 0.3291



60.4097, 0.3161, 0.3028



60.4097, 0.3458, 0.3276

Sweetspot

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



60.4123, 0.3084, 0.3574



97.5706, 0.3114, 0.3374



63.3811, 0.3290, 0.3608



20.7893, 0.3111, 0.3391



0.0000, 0.0000, 0.0000



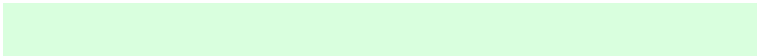
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4123, 0.3084, 0.3574



91.5333, 0.3076, 0.3631



61.0028, 0.2997, 0.3410



13.2347, 0.3096, 0.3494



28.1873, 0.2963, 0.5867



1.5855, 0.2882, 0.5576

Inverse Universe

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



52.6111, 0.3173, 0.3022



77.6132, 0.3183, 0.2972



51.9972, 0.3278, 0.3173



11.9773, 0.3160, 0.3095



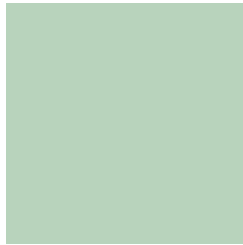
10.3432, 0.3625, 0.1771



0.5868, 0.3537, 0.1722

Previews

White Background



This preview shows how the Yxy color 60.4097, 0.3084, 0.3574 looks on a white background.

Color Contrast Check

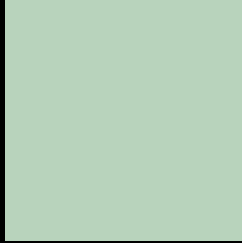
Large Text (above 18pt) WCAG AA × Fail

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 60.4097, 0.3084, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

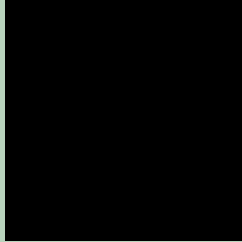
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

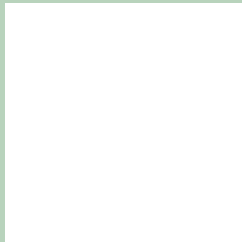
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4097, 0.3084, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 60.4097, 0.3084, 0.3574.



This preview shows how white text looks on a background with the Yxy color 60.4097, 0.3084, 0.3574.

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

60.4097, 0.3084, 0.3574

Protanopia

60.1696, 0.3337, 0.3513

Deuteranopia

60.1881, 0.3424, 0.3358



Tritanopia

60.3637, 0.2902, 0.3101

Trichromacy



Original Color

60.4097, 0.3084, 0.3574

Protanomaly

60.2020, 0.3246, 0.3541

Deuteranomaly

59.9558, 0.3294, 0.3430

Tritanomaly

60.4563, 0.2967, 0.3266

Monochromacy



Original Color

60.4097, 0.3084, 0.3574

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.6406, 0.3107, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4097, 0.3084, 0.3574 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(184, 211, 188)` looks like.

```
.text, #text, p{  
    color:rgb(184, 211, 188)  
}
```

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(184, 211, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 211, 188) }
```

Border

The CSS property to change the border of an element to Yxy 60.4097, 0.3084, 0.3574 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(184, 211, 188) }
```

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

```
.border{ border-color:rgb(184, 211, 188) }
```

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

Here you see how a box with a 4 pixel rgb(184, 211, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 211, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 211, 188);  
box-shadow:4px 4px 4px 4px rgb(184, 211,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4097, 0.3084, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 211, 188) }
```

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

```
.background{ background-color: rgb(184,  
211, 188) }
```

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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