

Converting Colors

$Yxy(64.5361, 0.3048, 0.3618)$

Have a look what the booklet for
Yxy(64.5361, 0.3048, 0.3618)
contains.

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Color

Yxy(64.5361, 0.3048, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	B7DBC0
RGB	183, 219, 192
RGB Percent	72%, 86%, 75%
CMY	0.2825, 0.1411, 0.2470
CMYK	0.16, 0.00, 0.12, 0.14
HSL	135°, 33%, 79%
HSV	135°, 16%, 86%
XYZ	54.3687, 64.5361, 59.4702
YIQ	205.1580, -12.7890, -16.0290

Conversions

Conversions Part 2

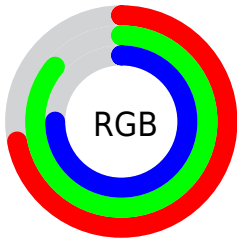
Format	Color
RYB	183, 212, 219
Decimal	12049344
CIELab	84.24, -17.03, 9.35
CIELCh	84, 19.428, 151.232
Yxy	64.5361, 0.3048, 0.3618
Android (android.graphics.Color)	4290239424 (0xFFB7DBC0)
YUV	205.1580, -6.4869, -19.4326
Hunter-Lab	80.3344, -19.7798, 12.3426

Details

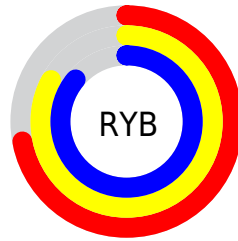
The Yxy color **64.5361, 0.3048, 0.3618** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5637, 0.3217, 0.2983**, and the grayscale version is **61.2021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6480, 0.3069, 0.3359**, and **33.1608, 0.3026, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **61.3726, 0.3001, 0.3850**, and if you desaturate by 10%, it is **68.2039, 0.3096, 0.3411**.

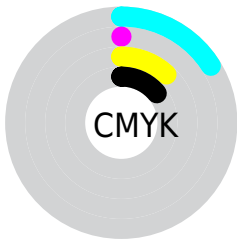
Distribution



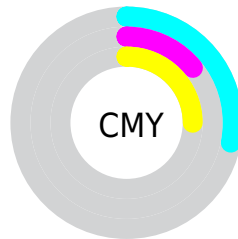
- Red (72%)
- Green (86%)
- Blue (75%)



- Red (72%)
- Yellow (83%)
- Blue (86%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)





- Cyan (28%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5361, 0.3048, 0.3618 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 64.5361, 0.3048, 0.3618 by changing the saturation by 10% instead.


 64.5361, 0.3048,
0.3618

 64.5361, 0.3048,
0.3618


441.1230, 0.3087,
0.3459

 47.0850, 0.3038,
0.3656

 111.3826, 0.3062,
0.3561

 33.1029, 0.3026,
0.3704


141.5469, 0.3068,
0.3540

 22.2053, 0.3010,
0.3767


176.7177, 0.3072,
0.3521

 14.0078, 0.2987,
0.3852

217.2794, 0.3076,
0.3506

 8.1261, 0.2954,
0.3974

263.6163, 0.3079,
0.3492

 4.1757, 0.2902,
0.4162

316.1130, 0.3082,

 1.7723, 0.2805,

0.3480

0.4492

375.1538, 0.3085,
0.3469

0.4698, 0.0616,
0.9384

0.0000, 0.0000,
0.0000

64.5361, 0.3048,
0.3618

64.5361, 0.3048,
0.3618

61.3726, 0.3001,
0.3850

68.2039, 0.3096,
0.3411

58.6833, 0.2958,
0.4105

72.3884, 0.3144,
0.3228

56.4473, 0.2920,
0.4378

77.1116, 0.3190,
0.3068

54.6391, 0.2892,
0.4663

79.1498, 0.3144,
0.2940

■ 53.2304, 0.2876,
0.4949

■ 52.1895, 0.2874,
0.5220

■ 51.4796, 0.2887,
0.5462

■ 51.0549, 0.2913,
0.5661

■ 50.9458, 0.2923,
0.5721

Harmonies

Analogous

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



64.5361, 0.3292, 0.3718



64.5361, 0.3048, 0.3618



64.5361, 0.2831, 0.3419

Triad

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



64.5361, 0.3048, 0.3618



64.5361, 0.2761, 0.2897



64.5361, 0.3579, 0.3363

Complementary

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



64.5361, 0.3048, 0.3618



53.5637, 0.3217, 0.2983

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.



64.5361, 0.3426, 0.3159



64.5361, 0.3048, 0.3618



64.5361, 0.2950, 0.2896

Square

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



64.5361, 0.3048, 0.3618



64.5361, 0.2670, 0.3000



64.5361, 0.3193, 0.2992



64.5361, 0.3605, 0.3557

Rectangle

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



64.5361, 0.3048, 0.3618



64.5361, 0.2729, 0.3265



64.5361, 0.3193, 0.2992



64.5361, 0.3541, 0.3294

Sweetspot

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



64.5388, 0.3048, 0.3618



97.0618, 0.3103, 0.3383



67.7886, 0.3305, 0.3706



20.6901, 0.3100, 0.3397



0.0000, 0.0000, 0.0000



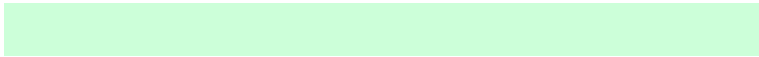
21.4041, 0.3127, 0.3290

Same Dimension

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



64.5388, 0.3048, 0.3618



89.3574, 0.3030, 0.3701



65.3854, 0.2935, 0.3397



14.6597, 0.3082, 0.3470



30.2194, 0.2916, 0.5697



1.9716, 0.2827, 0.5376

Inverse Universe

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



53.5637, 0.3217, 0.2983



70.8677, 0.3241, 0.2911



52.7175, 0.3363, 0.3186



13.2160, 0.3176, 0.3117



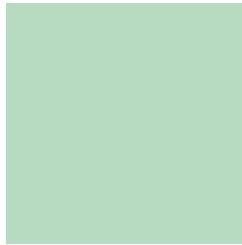
10.5372, 0.3963, 0.1957



0.6961, 0.3814, 0.1875

Previews

White Background



This preview shows how the Yxy color 64.5361, 0.3048, 0.3618 looks on a white background.

Color Contrast Check

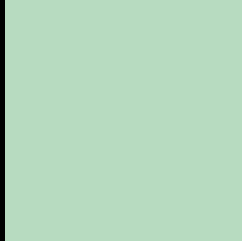
Large Text (above 18pt) WCAG AA × Fail

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 64.5361, 0.3048, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

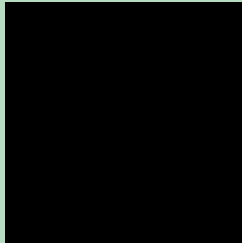
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

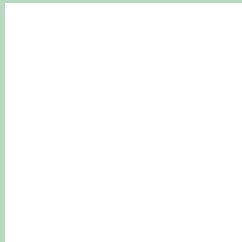
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5361, 0.3048, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 64.5361, 0.3048, 0.3618.

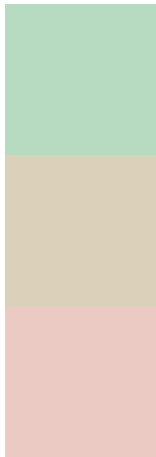


This preview shows how white text looks on a background with the Yxy color 64.5361, 0.3048, 0.3618.

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

64.5361, 0.3048, 0.3618

Protanopia

64.2489, 0.3361, 0.3541

Deuteranopia

63.8434, 0.3441, 0.3367



Tritanopia

64.2488, 0.2856, 0.3093

Trichromacy



Original Color

64.5361, 0.3048, 0.3618

Protanomaly

64.3844, 0.3241, 0.3571

Deuteranomaly

63.6057, 0.3288, 0.3450

Tritanomaly

64.1235, 0.2923, 0.3278

Monochromacy



Original Color

64.5361, 0.3048, 0.3618

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.1336, 0.3099, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5361, 0.3048, 0.3618 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, 219, 192)` looks like.

```
.text, #text, p{  
    color:rgb(183, 219, 192)  
}
```

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, 219, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 219, 192) }
```

Border

The CSS property to change the border of an element to Yxy 64.5361, 0.3048, 0.3618 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, 219, 192) }
```

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

```
.border{ border-color:rgb(183, 219, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 219, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 219, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 219, 192);  
box-shadow:4px 4px 4px 4px rgb(183, 219,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5361, 0.3048, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 219, 192) }
```

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

```
.background{ background-color: rgb(183,  
219, 192) }
```

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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