

Converting Colors

Yxy(63.7617, 0.3003, 0.3741)

Have a look what the booklet for
Yxy(63.7617, 0.3003, 0.3741)
contains.

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Color

Yxy(63.7617, 0.3003, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	AADDDB9
RGB	170, 221, 185
RGB Percent	67%, 87%, 73%
CMY	0.3335, 0.1333, 0.2746
CMYK	0.23, 0.00, 0.16, 0.13
HSL	138°, 43%, 77%
HSV	138°, 23%, 87%
XYZ	51.1832, 63.7617, 55.4953
YIQ	201.6470, -18.8400, -22.0080

Conversions

Conversions Part 2

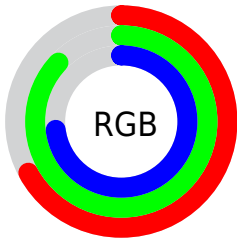
Format	Color
RYB	170, 209, 221
Decimal	11197881
CIELab	83.84, -23.57, 12.38
CIElCh	84, 26.620, 152.279
Yxy	63.7617, 0.3003, 0.3741
Android (android.graphics.Color)	4289387961 (0xFFAADD B9)
YUV	201.6470, -8.2070, -27.7544
Hunter-Lab	79.8509, -25.3234, 14.6899

Details

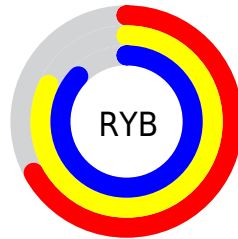
The Yxy color **63.7617, 0.3003, 0.3741** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.5673, 0.3279, 0.2878**, and the grayscale version is **58.8885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0396, 0.3029, 0.3432**, and **32.7203, 0.2969, 0.3864** is the 20% darker color. If you saturate the color by 10%, you get **60.8823, 0.2953, 0.3974**, and if you desaturate by 10%, it is **67.1328, 0.3056, 0.3531**.

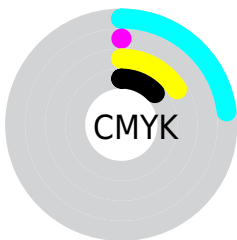
Distribution



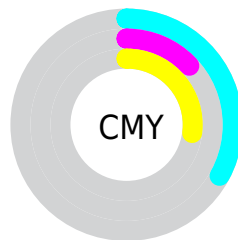
- Red (67%)
- Green (87%)
- Blue (73%)



- Red (67%)
- Yellow (82%)
- Blue (87%)



- Cyan (23%)
- Magenta (0%)
- Yellow (16%)
- Black (13%)





- Cyan (33%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7617, 0.3003, 0.3741 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 63.7617, 0.3003, 0.3741 by changing the saturation by 10% instead.


 63.7617, 0.3003,
0.3741

 63.7617, 0.3003,
0.3741

438.3286, 0.3065,
0.3520

 46.4577, 0.2987,
0.3795


 110.2677, 0.3026,
0.3662

 32.6071, 0.2968,
0.3863


140.2384, 0.3034,
0.3632

 21.8257, 0.2941,
0.3952


175.2002, 0.3041,
0.3606

 13.7289, 0.2904,
0.4073

215.5375, 0.3047,
0.3584

 7.9323, 0.2850,
0.4249

261.6345, 0.3053,
0.3565

 4.0517, 0.2762,
0.4524

313.8758, 0.3057,

 1.7025, 0.2603,

0.3549

0.5027

372.6457, 0.3062,
0.3534

0.4253, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.7617, 0.3003,
0.3741

63.7617, 0.3003,
0.3741

60.8823, 0.2953,
0.3974

67.1328, 0.3056,
0.3531

58.4635, 0.2909,
0.4226

71.0091, 0.3110,
0.3343

56.4831, 0.2874,
0.4493

75.4133, 0.3164,
0.3178

54.9138, 0.2851,
0.4766

79.7195, 0.3193,
0.3032

■ 53.7251, 0.2843,
0.5033

■ 80.2003, 0.3143,
0.2960

■ 52.8819, 0.2851,
0.5283

■ 52.3426, 0.2875,
0.5501

■ 52.1019, 0.2897,
0.5629

Harmonies

Analogous

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



63.7617, 0.3338, 0.3884



63.7617, 0.3003, 0.3741



63.7617, 0.2712, 0.3455

Triad

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



63.7617, 0.3003, 0.3741



63.7617, 0.2636, 0.2752



63.7617, 0.3757, 0.3392

Complementary

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



63.7617, 0.3003, 0.3741



48.5673, 0.3279, 0.2878

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.



63.7617, 0.3548, 0.3118



63.7617, 0.3003, 0.3741



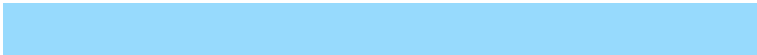
63.7617, 0.2893, 0.2761

Square

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



63.7617, 0.3003, 0.3741



63.7617, 0.2509, 0.2881



63.7617, 0.3227, 0.2893



63.7617, 0.3784, 0.3656

Rectangle

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



63.7617, 0.3003, 0.3741



63.7617, 0.2579, 0.3238



63.7617, 0.3227, 0.2893



63.7617, 0.3705, 0.3299

Sweetspot

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



63.7644, 0.3003, 0.3741



95.9852, 0.3089, 0.3415



67.8220, 0.3364, 0.3886



20.4743, 0.3086, 0.3426



0.0000, 0.0000, 0.0000



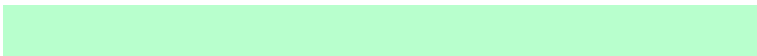
21.4041, 0.3127, 0.3290

Same Dimension

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



63.7644, 0.3003, 0.3741



86.0494, 0.2977, 0.3858



64.9134, 0.2851, 0.3424



14.6689, 0.3076, 0.3459



30.2797, 0.2889, 0.5602



1.9765, 0.2798, 0.5271

Inverse Universe

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



48.5673, 0.3279, 0.2878



61.3157, 0.3321, 0.2783



47.4482, 0.3500, 0.3161



13.2062, 0.3182, 0.3126



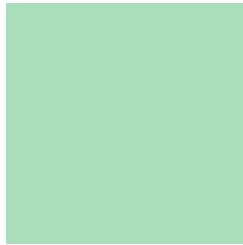
10.3452, 0.4119, 0.2043



0.6850, 0.3936, 0.1942

Previews

White Background



This preview shows how the Yxy color 63.7617, 0.3003, 0.3741 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 63.7617, 0.3003, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

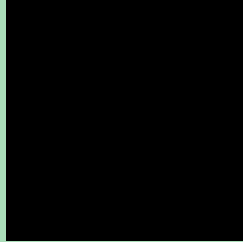
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7617, 0.3003, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 63.7617, 0.3003, 0.3741.

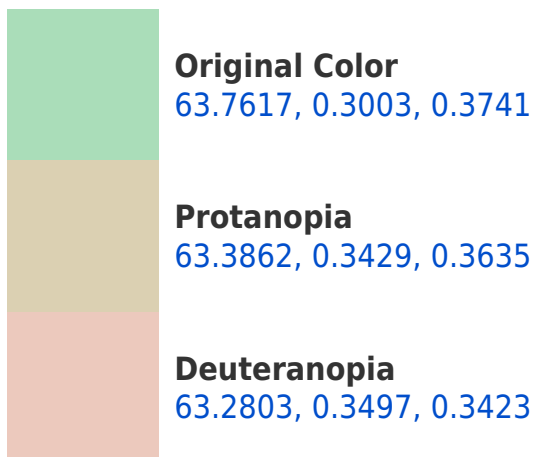


This preview shows how white text looks on a background with the Yxy color 63.7617, 0.3003, 0.3741.

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





Tritanopia

63.5030, 0.2773, 0.3078

Trichromacy



Original Color

63.7617, 0.3003, 0.3741

Protanomaly

63.3422, 0.3258, 0.3671

Deuteranomaly

62.7396, 0.3300, 0.3522

Tritanomaly

63.7621, 0.2857, 0.3313

Monochromacy



Original Color

63.7617, 0.3003, 0.3741

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.5336, 0.3075, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7617, 0.3003, 0.3741 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(170, 221, 185)` looks like.

```
.text, #text, p{  
    color:rgb(170, 221, 185)  
}
```

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(170, 221, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 221, 185) }
```

Border

The CSS property to change the border of an element to Yxy 63.7617, 0.3003, 0.3741 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(170, 221, 185) }
```

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

```
.border{ border-color:rgb(170, 221, 185) }
```

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

Here you see how a box with a 4 pixel rgb(170, 221, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 221, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 221, 185);  
box-shadow:4px 4px 4px 4px rgb(170, 221,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7617, 0.3003, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 221, 185) }
```

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

```
.background{ background-color: rgb(170,  
221, 185) }
```

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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