

Converting Colors

Yxy(63.4909, 0.3098, 0.3808)

Have a look what the booklet for
Yxy(63.4909, 0.3098, 0.3808)
contains.

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Color

Yxy(63.2245, 0.3096, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	B1DBB2
RGB	177, 219, 178
RGB Percent	69%, 86%, 70%
CMY	0.3059, 0.1412, 0.3019
CMYK	0.19, 0.00, 0.19, 0.14
HSL	121°, 37%, 78%
HSV	121°, 19%, 86%
XYZ	51.4978, 63.2245, 51.6142
YIQ	201.7680, -11.8710, -21.6550

Conversions

Conversions Part 2

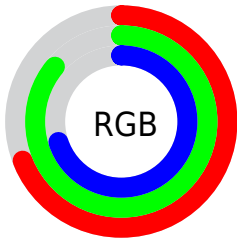
Format	Color
RYB	177, 218, 219
Decimal	11656114
CIELab	83.56, -21.52, 15.71
CIELCh	84, 26.647, 143.867
Yxy	63.2245, 0.3096, 0.3801
Android (android.graphics.Color)	4289846194 (0xFFB1DBB2)
YUV	201.7680, -11.7176, -21.7215
Hunter-Lab	79.5138, -23.5422, 17.1732

Details

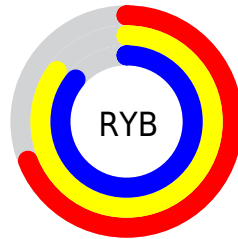
The Yxy color **63.2245, 0.3096, 0.3801** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.5625, 0.3157, 0.2827**, and the grayscale version is **58.9911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7842, 0.3111, 0.3501**, and **32.3167, 0.3087, 0.3945** is the 20% darker color. If you saturate the color by 10%, you get **60.0660, 0.3078, 0.4115**, and if you desaturate by 10%, it is **66.9348, 0.3113, 0.3519**.

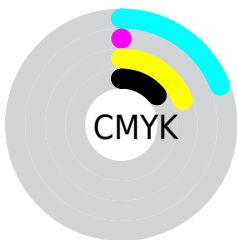
Distribution



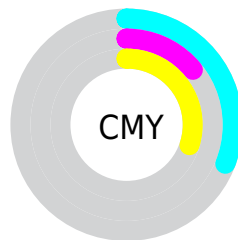
- Red (69%)
- Green (86%)
- Blue (70%)



- Red (69%)
- Yellow (85%)
- Blue (86%)



- Cyan (19%)
- Magenta (0%)
- Yellow (19%)
- Black (14%)



- Cyan (31%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2245, 0.3096, 0.3801 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 63.2245, 0.3096, 0.3801 by changing the saturation by 10% instead.


 63.2245, 0.3096,
0.3801

 63.2245, 0.3096,
0.3801


436.3838, 0.3115,
0.3550

 46.0229, 0.3090,
0.3862


 109.4933, 0.3104,
0.3711

 32.2639, 0.3083,
0.3939


139.3293, 0.3106,
0.3677

 21.5631, 0.3072,
0.4041


174.1455, 0.3108,
0.3648

 13.5362, 0.3055,
0.4180

214.3263, 0.3110,
0.3623

 7.7988, 0.3027,
0.4380

260.2562, 0.3112,
0.3601

 3.9665, 0.2976,
0.4694

312.3194, 0.3113,

 1.6548, 0.2918,

0.3582

0.5349

370.9005, 0.3114,
0.3565

0.3942, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.2245, 0.3096,
0.3801

63.2245, 0.3096,
0.3801

60.0660, 0.3078,
0.4115

66.9348, 0.3113,
0.3519

57.4254, 0.3059,
0.4456

71.2128, 0.3128,
0.3271

55.2775, 0.3041,
0.4809

76.0841, 0.3142,
0.3056

53.5917, 0.3024,
0.5154

79.1464, 0.3144,
0.2940

■ 52.3341, 0.3011,
0.5467

■ 51.4663, 0.3002,
0.5719

■ 50.9427, 0.2998,
0.5893

■ 50.6934, 0.2997,
0.5982

■ 50.6781, 0.2997,
0.5988

Harmonies

Analogous

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



63.2245, 0.3429, 0.3893



63.2245, 0.3096, 0.3801



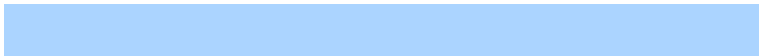
63.2245, 0.2783, 0.3545

Triad

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



63.2245, 0.3096, 0.3801



63.2245, 0.2583, 0.2773



63.2245, 0.3717, 0.3313

Complementary

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



63.2245, 0.3096, 0.3801



51.5625, 0.3157, 0.2827

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.



63.2245, 0.3467, 0.3047



63.2245, 0.3096, 0.3801



63.2245, 0.2809, 0.2743

Square

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



63.2245, 0.3096, 0.3801



63.2245, 0.2498, 0.2940



63.2245, 0.3130, 0.2843



63.2245, 0.3799, 0.3588

Rectangle

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



63.2245, 0.3096, 0.3801



63.2245, 0.2626, 0.3329



63.2245, 0.3130, 0.2843



63.2245, 0.3649, 0.3221

Sweetspot

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



63.2272, 0.3096, 0.3801



96.2884, 0.3118, 0.3438



68.7930, 0.3409, 0.3766



20.5271, 0.3117, 0.3454



0.0000, 0.0000, 0.0000



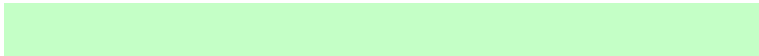
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2272, 0.3096, 0.3801



87.3697, 0.3089, 0.3923



64.1219, 0.2965, 0.3538



14.6114, 0.3113, 0.3526



30.0500, 0.2995, 0.5983



1.9486, 0.2981, 0.5933

Inverse Universe

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



51.5625, 0.3157, 0.2827



68.0264, 0.3164, 0.2729



50.5463, 0.3327, 0.3055



13.2691, 0.3142, 0.3065



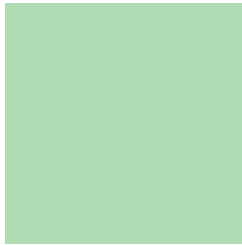
11.8013, 0.3271, 0.1575



0.7663, 0.3260, 0.1569

Previews

White Background



This preview shows how the Yxy color 63.2245, 0.3096, 0.3801 looks on a white background.

Color Contrast Check

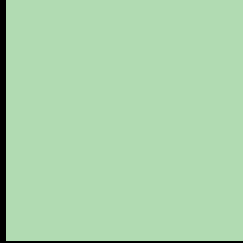
Large Text (above 18pt) WCAG AA × Fail

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 63.2245, 0.3096, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

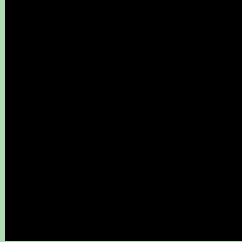
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

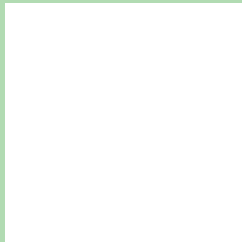
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2245, 0.3096, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 63.2245, 0.3096, 0.3801.

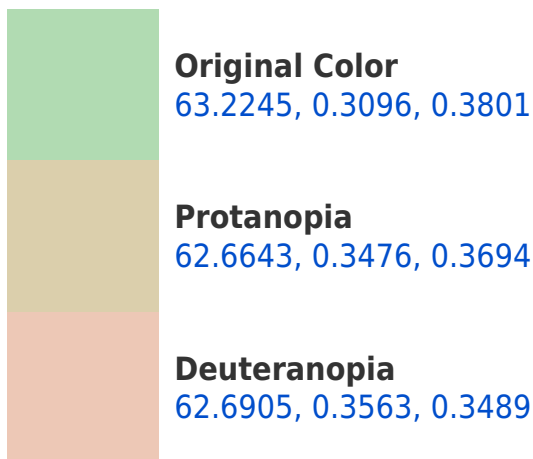


This preview shows how white text looks on a background with the Yxy color 63.2245, 0.3096, 0.3801.

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

63.1832, 0.2835, 0.3091

Trichromacy



Original Color

63.2245, 0.3096, 0.3801

Protanomaly

62.4819, 0.3334, 0.3731

Deuteranomaly

62.4089, 0.3377, 0.3592

Tritanomaly

63.3213, 0.2934, 0.3349

Monochromacy



Original Color

63.2245, 0.3096, 0.3801

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.2995, 0.3119, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2245, 0.3096, 0.3801 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(177, 219, 178)` looks like.

```
.text, #text, p{  
    color:rgb(177, 219, 178)  
}
```

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(177, 219, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 219, 178) }
```

Border

The CSS property to change the border of an element to Yxy 63.2245, 0.3096, 0.3801 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(177, 219, 178) }
```

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

```
.border{ border-color:rgb(177, 219, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 219, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 219, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 219, 178);  
box-shadow:4px 4px 4px 4px rgb(177, 219,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2245, 0.3096, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 219, 178) }
```

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

```
.background{ background-color: rgb(177,  
219, 178) }
```

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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