

Converting Colors

$Yxy(63.1243, 0.2985, 0.3647)$

Have a look what the booklet for
Yxy(63.1243, 0.2985, 0.3647)
contains.

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Color

Yxy(63.1514, 0.2985, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	ACDDBE
RGB	172, 219, 190
RGB Percent	67%, 86%, 75%
CMY	0.3257, 0.1411, 0.2549
CMYK	0.21, 0.00, 0.13, 0.14
HSL	143°, 40%, 77%
HSV	143°, 21%, 86%
XYZ	51.6316, 63.1514, 58.1872
YIQ	201.6410, -18.7030, -18.9830

Conversions

Conversions Part 2

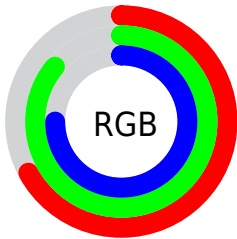
Format	Color
R _Y B	172, 206, 219
Decimal	11328446
CIE Lab	83.52, -21.00, 9.29
CIE LCh	84, 22.966, 156.141
Yxy	63.1514, 0.2985, 0.3651
Android (android.graphics.Color)	4289518526 (0xFFACDBBE)
YUV	201.6410, -5.7390, -25.9952
Hunter-Lab	79.4679, -23.0943, 12.2148

Details

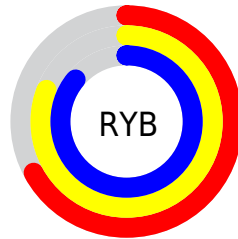
The Yxy color **63.1514, 0.2985, 0.3651** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.7643, 0.3302, 0.2955**, and the grayscale version is **58.8687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6678, 0.3013, 0.3380**, and **32.2790, 0.2945, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **60.3144, 0.2924, 0.3849**, and if you desaturate by 10%, it is **66.4567, 0.3050, 0.3472**.

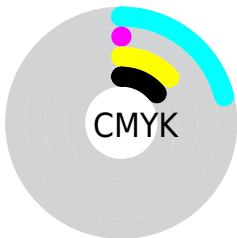
Distribution



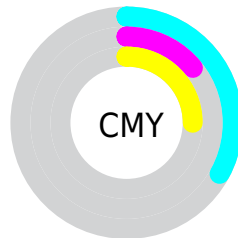
- Red (67%)
- Green (86%)
- Blue (75%)



- Red (67%)
- Yellow (81%)
- Blue (86%)



- Cyan (21%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)





- Cyan (33%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1514, 0.2985, 0.3651 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 63.1514, 0.2985, 0.3651 by changing the saturation by 10% instead.


 63.1514, 0.2985,
0.3651

 63.1514, 0.2985,
0.3651


436.1187, 0.3055,
0.3475

 45.9637, 0.2968,
0.3694


 109.3879, 0.3010,
0.3588

 32.2172, 0.2946,
0.3748


139.2055, 0.3019,
0.3564

 21.5274, 0.2918,
0.3818


174.0019, 0.3028,
0.3544

 13.5101, 0.2879,
0.3914

214.1614, 0.3035,
0.3526

 7.7807, 0.2823,
0.4053

260.0684, 0.3041,
0.3511

 3.9550, 0.2735,
0.4270

312.1074, 0.3046,

 1.6484, 0.2575,

0.3498

0.4655

370.6627, 0.3051,
0.3486

0.3899, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.1514, 0.2985,
0.3651

63.1514, 0.2985,
0.3651

60.3144, 0.2924,
0.3849

66.4567, 0.3050,
0.3472

57.9162, 0.2869,
0.4065

70.2424, 0.3117,
0.3312

55.9364, 0.2824,
0.4296

74.5301, 0.3184,
0.3171

54.3495, 0.2793,
0.4535

78.4626, 0.3217,
0.3044

■ 53.1272, 0.2778,
0.4776

■ 79.1507, 0.3144,
0.2940

■ 52.2373, 0.2781,
0.5010

■ 51.6413, 0.2803,
0.5228

■ 51.3112, 0.2832,
0.5394

Harmonies

Analogous

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



63.1514, 0.3275, 0.3794



63.1514, 0.2985, 0.3651



63.1514, 0.2741, 0.3398

Triad

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



63.1514, 0.2985, 0.3651



63.1514, 0.2723, 0.2816



63.1514, 0.3683, 0.3413

Complementary

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



63.1514, 0.2985, 0.3651



48.7643, 0.3302, 0.2955

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.



63.1514, 0.3522, 0.3171



63.1514, 0.2985, 0.3651



63.1514, 0.2960, 0.2837

Square

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



63.1514, 0.2985, 0.3651



63.1514, 0.2595, 0.2916



63.1514, 0.3253, 0.2965



63.1514, 0.3686, 0.3637

Rectangle

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



63.1514, 0.2985, 0.3651



63.1514, 0.2634, 0.3212



63.1514, 0.3253, 0.2965



63.1514, 0.3645, 0.3332

Sweetspot

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



63.1540, 0.2985, 0.3651



96.6202, 0.3087, 0.3383



66.0614, 0.3312, 0.3848



20.6053, 0.3082, 0.3393



0.0000, 0.0000, 0.0000



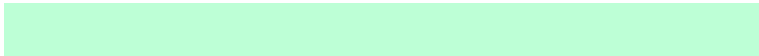
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1540, 0.2985, 0.3651



87.1625, 0.2955, 0.3743



64.2667, 0.2841, 0.3356



14.6885, 0.3064, 0.3438



30.4404, 0.2824, 0.5366



1.9886, 0.2732, 0.5034

Inverse Universe

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



48.7643, 0.3302, 0.2955



63.2149, 0.3350, 0.2878



47.7413, 0.3510, 0.3226



13.1858, 0.3196, 0.3147



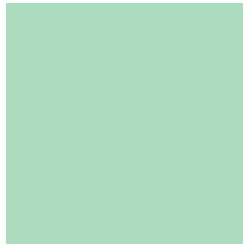
9.9888, 0.4467, 0.2234



0.6638, 0.4207, 0.2091

Previews

White Background



This preview shows how the Yxy color 63.1514, 0.2985, 0.3651 looks on a white background.

Color Contrast Check

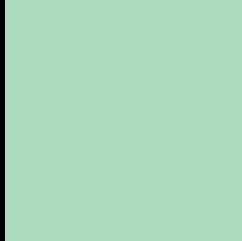
Large Text (above 18pt) WCAG AA × Fail

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 63.1514, 0.2985, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

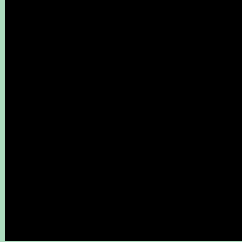
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

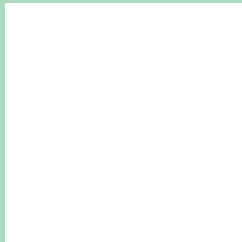
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1514, 0.2985, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 63.1514, 0.2985, 0.3651.

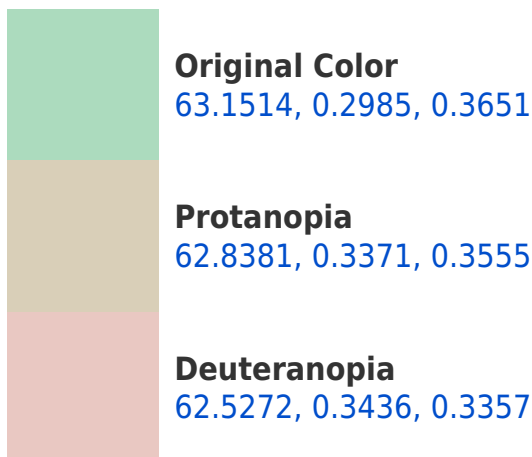


This preview shows how white text looks on a background with the Yxy color 63.1514, 0.2985, 0.3651.

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

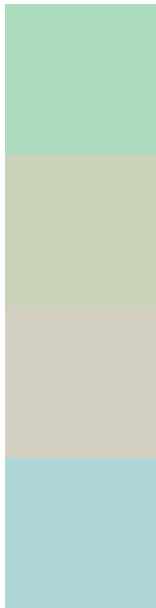




Tritanopia

62.8854, 0.2784, 0.3089

Trichromacy



Original Color

63.1514, 0.2985, 0.3651

Protanomaly

62.5512, 0.3226, 0.3587

Deuteranomaly

62.3248, 0.3258, 0.3453

Tritanomaly

62.7373, 0.2856, 0.3289

Monochromacy



Original Color

63.1514, 0.2985, 0.3651

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.2653, 0.3069, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1514, 0.2985, 0.3651 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(172, 219, 190)` looks like.

```
.text, #text, p{  
    color:rgb(172, 219, 190)  
}
```

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(172, 219, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 219, 190) }
```

Border

The CSS property to change the border of an element to Yxy 63.1514, 0.2985, 0.3651 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(172, 219, 190) }
```

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

```
.border{ border-color:rgb(172, 219, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 219, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 219, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 219, 190);  
box-shadow:4px 4px 4px 4px rgb(172, 219,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1514, 0.2985, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 219, 190) }
```

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

```
.background{ background-color: rgb(172,  
219, 190) }
```

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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