

Converting Colors

$Yxy(63.3468, 0.3007, 0.3682)$

Have a look what the booklet for
Yxy(63.3468, 0.3007, 0.3682)
contains.

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Color

Yxy(63.1781, 0.3005, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	ADDBBC
RGB	173, 219, 188
RGB Percent	68%, 86%, 74%
CMY	0.3214, 0.1412, 0.2628
CMYK	0.21, 0.00, 0.14, 0.14
HSL	140°, 39%, 77%
HSV	140°, 21%, 86%
XYZ	51.6459, 63.1781, 57.0425
YIQ	201.7120, -17.4650, -19.3930

Conversions

Conversions Part 2

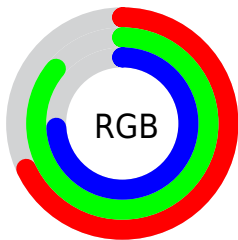
Format	Color
RYB	173, 208, 219
Decimal	11393980
CIELab	83.54, -21.03, 10.38
CIELCh	84, 23.451, 153.715
Yxy	63.1781, 0.3005, 0.3676
Android (android.graphics.Color)	4289584060 (0xFFADDBBC)
YUV	201.7120, -6.7600, -25.1804
Hunter-Lab	79.4847, -23.1162, 13.0896

Details

The Yxy color **63.1781, 0.3005, 0.3676** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.3204, 0.3275, 0.2933**, and the grayscale version is **58.9291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7097, 0.3030, 0.3400**, and **32.2933, 0.2970, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **60.2800, 0.2950, 0.3893**, and if you desaturate by 10%, it is **66.5560, 0.3063, 0.3480**.

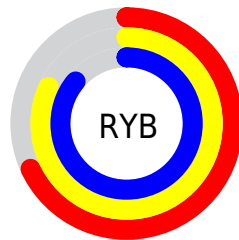
Distribution



Red (68%)

Green (86%)

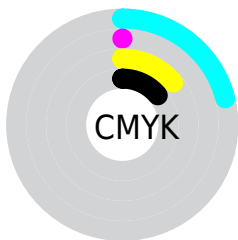
Blue (74%)



Red (68%)

Yellow (82%)

Blue (86%)

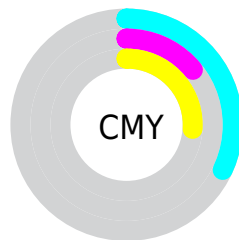


Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (32%)


Magenta (14%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1781, 0.3005, 0.3676 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 63.1781, 0.3005, 0.3676 by changing the saturation by 10% instead.


 63.1781, 0.3005,
0.3676

 63.1781, 0.3005,
0.3676


436.2156, 0.3066,
0.3488

 45.9853, 0.2990,
0.3722


 109.4264, 0.3027,
0.3609

 32.2342, 0.2971,
0.3780

139.2507, 0.3035,
0.3583

 21.5405, 0.2946,
0.3855


174.0543, 0.3042,
0.3561

 13.5196, 0.2911,
0.3959

214.2216, 0.3048,
0.3542

 7.7873, 0.2861,
0.4108

260.1370, 0.3053,
0.3526

 3.9592, 0.2780,
0.4341

312.1848, 0.3058,

 1.6507, 0.2631,

0.3512

0.4758

370.7496, 0.3062,
0.3499

0.3915, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.1781, 0.3005,
0.3676

63.1781, 0.3005,
0.3676

60.2800, 0.2950,
0.3893

66.5560, 0.3063,
0.3480

57.8318, 0.2901,
0.4130

70.4261, 0.3121,
0.3306

55.8125, 0.2861,
0.4382

74.8103, 0.3179,
0.3153

54.1964, 0.2834,
0.4643

78.6432, 0.3196,
0.3015

■ 52.9547, 0.2821,
0.4904

■ 79.1427, 0.3144,
0.2940

■ 52.0547, 0.2825,
0.5152

■ 51.4577, 0.2846,
0.5377

■ 51.1210, 0.2876,
0.5552

Harmonies

Analogous

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



63.1781, 0.3302, 0.3810



63.1781, 0.3005, 0.3676



63.1781, 0.2750, 0.3423

Triad

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



63.1781, 0.3005, 0.3676



63.1781, 0.2700, 0.2810



63.1781, 0.3687, 0.3395

Complementary

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



63.1781, 0.3005, 0.3676



49.3204, 0.3275, 0.2933

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.



63.1781, 0.3511, 0.3150



63.1781, 0.3005, 0.3676



63.1781, 0.2934, 0.2822

Square

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



63.1781, 0.3005, 0.3676



63.1781, 0.2580, 0.2921



63.1781, 0.3231, 0.2945



63.1781, 0.3704, 0.3627

Rectangle

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



63.1781, 0.3005, 0.3676



63.1781, 0.2634, 0.3233



63.1781, 0.3231, 0.2945



63.1781, 0.3644, 0.3312

Sweetspot

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



63.1808, 0.3005, 0.3676



96.5658, 0.3092, 0.3392



66.5810, 0.3331, 0.3830



20.5924, 0.3088, 0.3403



0.0000, 0.0000, 0.0000



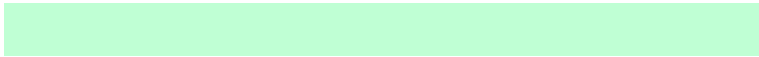
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1808, 0.3005, 0.3676



87.3820, 0.2981, 0.3765



64.2321, 0.2866, 0.3391



14.6758, 0.3072, 0.3452



30.3305, 0.2868, 0.5525



1.9805, 0.2775, 0.5191

Inverse Universe

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



49.3204, 0.3275, 0.2933



64.5859, 0.3311, 0.2858



48.3138, 0.3471, 0.3192



13.1990, 0.3187, 0.3134



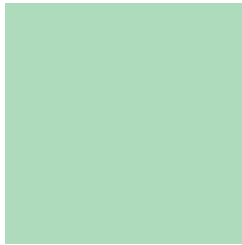
10.2136, 0.4237, 0.2108



0.6773, 0.4028, 0.1993

Previews

White Background



This preview shows how the Yxy color 63.1781, 0.3005, 0.3676 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 63.1781, 0.3005, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

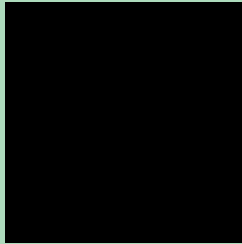
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

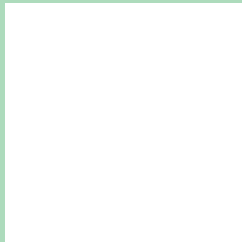
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1781, 0.3005, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 63.1781, 0.3005, 0.3676.

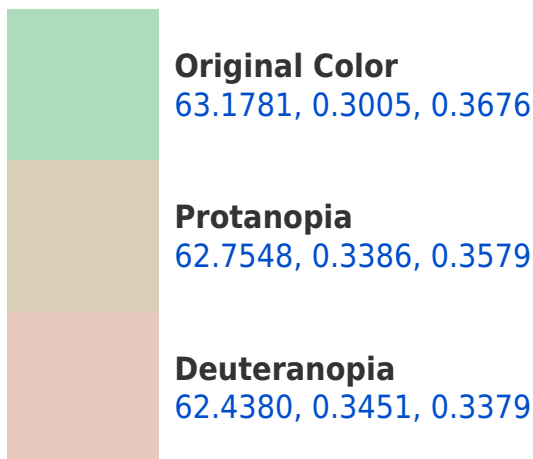


This preview shows how white text looks on a background with the Yxy color 63.1781, 0.3005, 0.3676.

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

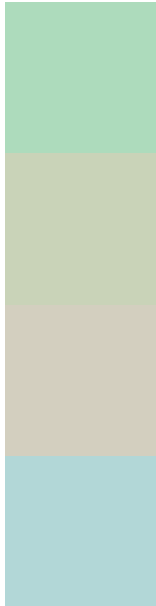




Tritanopia

63.1254, 0.2797, 0.3090

Trichromacy



Original Color

63.1781, 0.3005, 0.3676

Protanomaly

62.4667, 0.3240, 0.3612

Deuteranomaly

62.2361, 0.3272, 0.3476

Tritanomaly

62.9722, 0.2869, 0.3289

Monochromacy



Original Color

63.1781, 0.3005, 0.3676

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.2193, 0.3076, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1781, 0.3005, 0.3676 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(173, 219, 188)` looks like.

```
.text, #text, p{  
    color:rgb(173, 219, 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(173, 219, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 219, 188) }
```

Border

The CSS property to change the border of an element to Yxy 63.1781, 0.3005, 0.3676 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(173, 219, 188) }
```

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

```
.border{ border-color:rgb(173, 219, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 219, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 219, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 219, 188); box-shadow:4px 4px 4px 4px rgb(173, 219, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1781, 0.3005, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 219, 188) }
```

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

```
.background{ background-color: rgb(173,  
219, 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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