

Converting Colors

$Yxy(57.5585, 0.3044, 0.3663)$

Have a look what the booklet for
Yxy(57.5585, 0.3044, 0.3663)
contains.

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Color

Yxy(57.5541, 0.3044, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	ABD1B4
RGB	171, 209, 180
RGB Percent	67%, 82%, 71%
CMY	0.3292, 0.1804, 0.2941
CMYK	0.18, 0.00, 0.14, 0.18
HSL	134°, 29%, 75%
HSV	134°, 18%, 82%
XYZ	47.8413, 57.5541, 51.7704
YIQ	194.3320, -13.3390, -17.0750

Conversions

Conversions Part 2

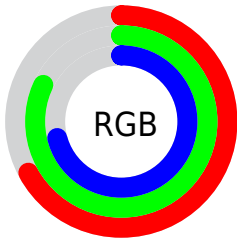
Format	Color
RYB	171, 202, 209
Decimal	11260340
CIELab	80.49, -18.17, 10.26
CIElCh	80, 20.871, 150.547
Yxy	57.5541, 0.3044, 0.3662
Android (android.graphics.Color)	4289450420 (0xFFABD1B4)
YUV	194.3320, -7.0657, -20.4622
Hunter-Lab	75.8644, -20.1979, 12.6452

Details

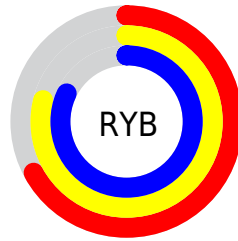
The Yxy color **57.5541, 0.3044, 0.3662** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.8701, 0.3223, 0.2945**, and the grayscale version is **54.2105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9070, 0.3063, 0.3483**, and **28.4951, 0.3018, 0.3763** is the 20% darker color. If you saturate the color by 10%, you get **54.7776, 0.3000, 0.3902**, and if you desaturate by 10%, it is **60.7815, 0.3090, 0.3447**.

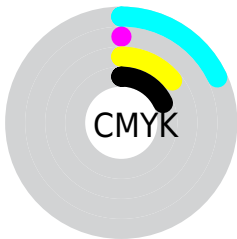
Distribution



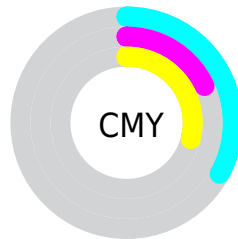
- Red (67%)
- Green (82%)
- Blue (71%)



- Red (67%)
- Yellow (79%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)





- Cyan (33%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5541, 0.3044, 0.3662 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 57.5541, 0.3044, 0.3662 by changing the saturation by 10% instead.


 57.5541, 0.3044,
0.3662

 57.5541, 0.3044,
0.3662


415.5224, 0.3086,
0.3478

 41.4503, 0.3033,
0.3707


 101.2732, 0.3060,
0.3595

 28.6711, 0.3019,
0.3765


129.6573, 0.3065,
0.3570

 18.8321, 0.3000,
0.3842


162.9037, 0.3070,
0.3549

 11.5491, 0.2974,
0.3948

201.3966, 0.3074,
0.3531

 6.4374, 0.2933,
0.4104

245.5205, 0.3078,
0.3515

 3.1128, 0.2864,
0.4356

295.6599, 0.3081,

 1.1909, 0.2753,

0.3501

0.4966

352.1990, 0.3084,
0.3489

■ 0.0543, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5541, 0.3044,
0.3662

■ 57.5541, 0.3044,
0.3662

■ 54.7776, 0.3000,
0.3902

■ 60.7815, 0.3090,
0.3447

■ 52.4249, 0.2959,
0.4165

■ 64.4711, 0.3136,
0.3257

■ 50.4768, 0.2924,
0.4446

■ 68.6431, 0.3180,
0.3090

■ 48.9100, 0.2898,
0.4736

■ 73.3140, 0.3222,
0.2945

■ 47.6987, 0.2885,
0.5023

■ 74.0776, 0.3148,
0.2841

■ 46.8139, 0.2885,
0.5292

■ 46.2216, 0.2899,
0.5528

■ 45.8730, 0.2925,
0.5717

■ 45.8223, 0.2930,
0.5746

Harmonies

Analogous

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



57.5541, 0.3316, 0.3770



57.5541, 0.3044, 0.3662



57.5541, 0.2801, 0.3440

Triad

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



57.5541, 0.3044, 0.3662



57.5541, 0.2716, 0.2854



57.5541, 0.3630, 0.3364

Complementary

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



57.5541, 0.3044, 0.3662



46.8701, 0.3223, 0.2945

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.



57.5541, 0.3456, 0.3139



57.5541, 0.3044, 0.3662



57.5541, 0.2923, 0.2852

Square

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



57.5541, 0.3044, 0.3662



57.5541, 0.2618, 0.2969



57.5541, 0.3194, 0.2955



57.5541, 0.3662, 0.3581

Rectangle

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



57.5541, 0.3044, 0.3662



57.5541, 0.2687, 0.3266



57.5541, 0.3194, 0.2955



57.5541, 0.3586, 0.3287

Sweetspot

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



57.5565, 0.3044, 0.3662



97.0500, 0.3104, 0.3385



60.8383, 0.3328, 0.3749



20.6872, 0.3101, 0.3399



0.0000, 0.0000, 0.0000



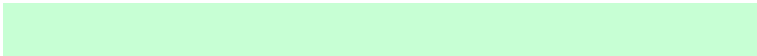
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5565, 0.3044, 0.3662



88.4092, 0.3026, 0.3757



58.3787, 0.2920, 0.3417



13.2514, 0.3084, 0.3473



28.2676, 0.2923, 0.5724



1.5932, 0.2822, 0.5361

Inverse Universe

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



46.8701, 0.3223, 0.2945



68.4569, 0.3248, 0.2864



46.0414, 0.3386, 0.3167



11.9593, 0.3173, 0.3114



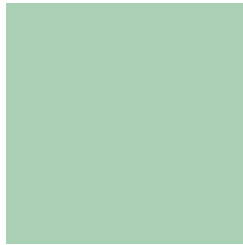
9.9312, 0.3908, 0.1927



0.5671, 0.3754, 0.1842

Previews

White Background



This preview shows how the Yxy color 57.5541, 0.3044, 0.3662 looks on a white background.

Color Contrast Check

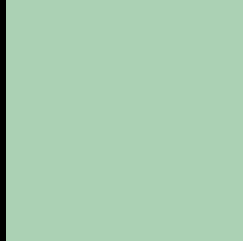
Large Text (above 18pt) WCAG AA × Fail

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 57.5541, 0.3044, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

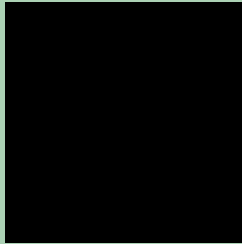
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

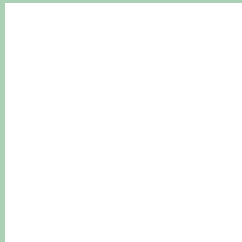
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5541, 0.3044, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 57.5541, 0.3044, 0.3662.



This preview shows how white text looks on a background with the Yxy color 57.5541, 0.3044, 0.3662.

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

57.5541, 0.3044, 0.3662

Protanopia

57.3519, 0.3380, 0.3578

Deuteranopia

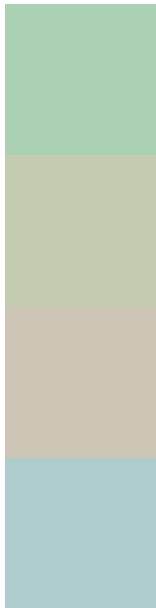
56.9655, 0.3464, 0.3394



Tritanopia

57.3442, 0.2830, 0.3083

Trichromacy



Original Color

57.5541, 0.3044, 0.3662

Protanomaly

57.4883, 0.3253, 0.3610

Deuteranomaly

56.7447, 0.3303, 0.3483

Tritanomaly

57.1844, 0.2907, 0.3289

Monochromacy



Original Color

57.5541, 0.3044, 0.3662

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.9601, 0.3098, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5541, 0.3044, 0.3662 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(171, 209, 180)` looks like.

```
.text, #text, p{  
    color:rgb(171, 209, 180)  
}
```

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(171, 209, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 209, 180) }
```

Border

The CSS property to change the border of an element to Yxy 57.5541, 0.3044, 0.3662 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(171, 209, 180) }
```

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

```
.border{ border-color:rgb(171, 209, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 209, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 209, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 209, 180); box-shadow:4px 4px 4px 4px rgb(171, 209, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5541, 0.3044, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 209, 180) }
```

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

```
.background{ background-color: rgb(171,  
209, 180) }
```

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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