

Converting Colors

$Yxy(67.5090, 0.2997, 0.3548)$

Have a look what the booklet for
Yxy(67.5090, 0.2997, 0.3548)
contains.

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Color

Yxy(67.3539, 0.2999, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	B9DFCA
RGB	185, 223, 202
RGB Percent	73%, 87%, 79%
CMY	0.2743, 0.1255, 0.2080
CMYK	0.17, 0.00, 0.09, 0.13
HSL	147°, 37%, 80%
HSV	147°, 17%, 87%
XYZ	57.0605, 67.3539, 65.8508
YIQ	209.2440, -15.9070, -14.5870

Conversions

Conversions Part 2

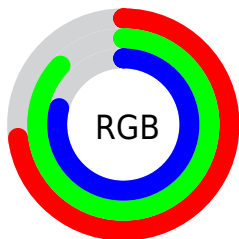
Format	Color
RYB	185, 211, 223
Decimal	12181450
CIELab	85.68, -16.49, 6.18
CIELCh	86, 17.610, 159.453
Yxy	67.3539, 0.2999, 0.3540
Android (android.graphics.Color)	4290371530 (0xFFB9DFCA)
YUV	209.2440, -3.5713, -21.2620
Hunter-Lab	82.0694, -19.5155, 9.8755

Details

The Yxy color **67.3539, 0.2999, 0.3540** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.8637, 0.3279, 0.3053**, and the grayscale version is **63.9647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **34.9687, 0.2962, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **64.2346, 0.2928, 0.3710**, and if you desaturate by 10%, it is **70.9607, 0.3074, 0.3387**.

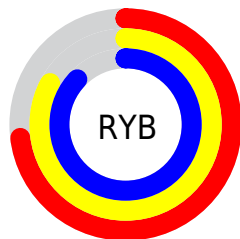
Distribution



Red (73%)

Green (87%)

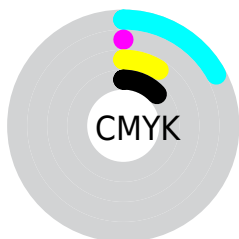
Blue (79%)



Red (73%)

Yellow (83%)

Blue (87%)

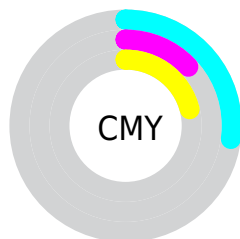


Cyan (17%)

Magenta (0%)

Yellow (9%)

Black (13%)



Cyan (27%)


Magenta (13%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3539, 0.2999, 0.3540 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 67.3539, 0.2999, 0.3540 by changing the saturation by 10% instead.


 67.3539, 0.2999,
0.3540

 67.3539, 0.2999,
0.3540

451.2034, 0.3060,
0.3420

 49.3723, 0.2985,
0.3568


 115.4274, 0.3021,
0.3498

 34.9149, 0.2966,
0.3604


146.2880, 0.3029,
0.3482

 23.5973, 0.2943,
0.3650


182.2105, 0.3036,
0.3468

 15.0352, 0.2911,
0.3712

223.5791, 0.3042,
0.3456

 8.8441, 0.2867,
0.3799

270.7783, 0.3048,
0.3445

 4.6396, 0.2800,
0.3932


324.1925, 0.3052,

 2.0374, 0.2686,


0.3436


384.2061, 0.3057,
0.3428


0.4157


 0.6291, 0.1814,
0.5839

 0.0000, 0.0000,
0.0000


 67.3539, 0.2999,
0.3540


 67.3539, 0.2999,
0.3540


 64.2346, 0.2928,
0.3710


 70.9607, 0.3074,
0.3387


 61.5730, 0.2862,
0.3896

 75.0666, 0.3150,
0.3251

 59.3490, 0.2807,
0.4097

 79.6930, 0.3225,
0.3131

 57.5376, 0.2764,
0.4308

 81.0237, 0.3165,
0.3014

■ 56.1112, 0.2737,
0.4526

■ 81.2541, 0.3142,
0.2980

■ 55.0387, 0.2728,
0.4744

■ 54.2836, 0.2740,
0.4955

■ 53.7989, 0.2769,
0.5151

■ 53.6836, 0.2780,
0.5206

Harmonies

Analogous

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



67.3539, 0.3217, 0.3657



67.3539, 0.2999, 0.3540



67.3539, 0.2820, 0.3350

Triad

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



67.3539, 0.2999, 0.3540



67.3539, 0.2839, 0.2928



67.3539, 0.3549, 0.3407

Complementary

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



67.3539, 0.2999, 0.3540



54.8637, 0.3279, 0.3053

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.



67.3539, 0.3441, 0.3222



67.3539, 0.2999, 0.3540



67.3539, 0.3026, 0.2952

Square

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



67.3539, 0.2999, 0.3540



67.3539, 0.2730, 0.2997



67.3539, 0.3247, 0.3058



67.3539, 0.3539, 0.3570

Rectangle

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



67.3539, 0.2999, 0.3540



67.3539, 0.2744, 0.3213



67.3539, 0.3247, 0.3058



67.3539, 0.3525, 0.3345

Sweetspot

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



67.3567, 0.2999, 0.3540



97.2149, 0.3089, 0.3359



69.4796, 0.3260, 0.3728



20.7272, 0.3083, 0.3369



0.0000, 0.0000, 0.0000



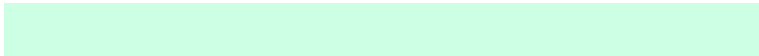
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3567, 0.2999, 0.3540



89.8893, 0.2976, 0.3591



68.2860, 0.2886, 0.3319



15.4383, 0.3055, 0.3423



31.5879, 0.2772, 0.5179



2.2073, 0.2688, 0.4878

Inverse Universe

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



54.8637, 0.3279, 0.3053



70.2865, 0.3313, 0.3007



54.0165, 0.3431, 0.3262



13.8270, 0.3206, 0.3161



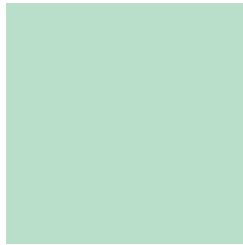
10.0964, 0.4724, 0.2376



0.7178, 0.4427, 0.2212

Previews

White Background



This preview shows how the Yxy color 67.3539, 0.2999, 0.3540 looks on a white background.

Color Contrast Check

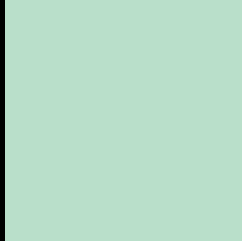
Large Text (above 18pt) WCAG AA × Fail

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 67.3539, 0.2999, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

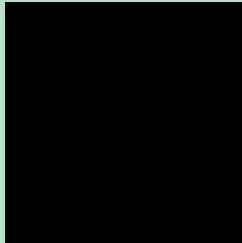
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

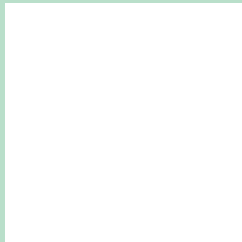
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3539, 0.2999, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 67.3539, 0.2999, 0.3540.



This preview shows how white text looks on a background with the Yxy color 67.3539, 0.2999, 0.3540.

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

67.3539, 0.2999, 0.3540

Protanopia

67.1493, 0.3306, 0.3469

Deuteranopia

67.0380, 0.3372, 0.3312



Tritanopia

67.2173, 0.2835, 0.3096

Trichromacy



Original Color

67.3539, 0.2999, 0.3540

Protanomaly

67.3045, 0.3190, 0.3496

Deuteranomaly

66.8536, 0.3226, 0.3391

Tritanomaly

67.3329, 0.2895, 0.3255

Monochromacy



Original Color

67.3539, 0.2999, 0.3540

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.8287, 0.3079, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3539, 0.2999, 0.3540 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(185, 223, 202)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 202)  
}
```

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(185, 223, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 202) }
```

Border

The CSS property to change the border of an element to Yxy 67.3539, 0.2999, 0.3540 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(185, 223, 202) }
```

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

```
.border{ border-color:rgb(185, 223, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 223, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 223, 202);  
box-shadow:4px 4px 4px 4px rgb(185, 223,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3539, 0.2999, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 202) }
```

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

```
.background{ background-color: rgb(185,  
223, 202) }
```

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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