

Converting Colors

Yxy(66.9150, 0.3000, 0.3537)

Have a look what the booklet for
Yxy(66.9150, 0.3000, 0.3537)
contains.

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Color

Yxy(66.8211, 0.2999, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	B9DECA
RGB	185, 222, 202
RGB Percent	73%, 87%, 79%
CMY	0.2742, 0.1295, 0.2078
CMYK	0.17, 0.00, 0.09, 0.13
HSL	148°, 36%, 80%
HSV	148°, 17%, 87%
XYZ	56.8017, 66.8211, 65.7794
YIQ	208.6570, -15.6320, -14.0640

Conversions

Conversions Part 2

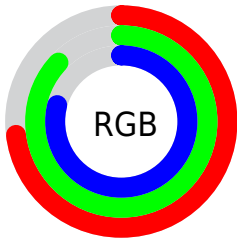
Format	Color
R _Y B	185, 210, 222
Decimal	12181194
CIE Lab	85.41, -15.97, 5.78
CIE LCh	85, 16.983, 160.109
Yxy	66.8211, 0.2999, 0.3528
Android (android.graphics.Color)	4290371274 (0xFFB9DECA)
YUV	208.6570, -3.2819, -20.7472
Hunter-Lab	81.7442, -19.0177, 9.5104

Details

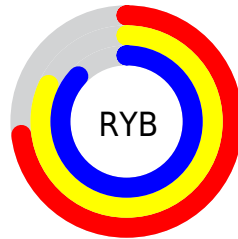
The Yxy color **66.8211, 0.2999, 0.3528** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.6663, 0.3279, 0.3064**, and the grayscale version is **63.5640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **34.6008, 0.2961, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **63.7264, 0.2926, 0.3693**, and if you desaturate by 10%, it is **70.3969, 0.3076, 0.3380**.

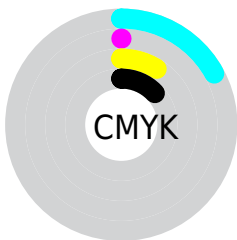
Distribution



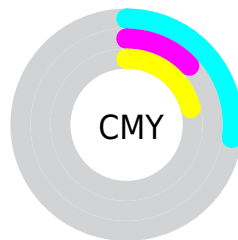
- Red (73%)
- Green (87%)
- Blue (79%)



- Red (73%)
- Yellow (82%)
- 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 66.8211, 0.2999, 0.3528 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 66.8211, 0.2999, 0.3528 by changing the saturation by 10% instead.


 66.8211, 0.2999,
0.3528

 66.8211, 0.2999,
0.3528


449.3077, 0.3060,
0.3414

 48.9393, 0.2985,
0.3555


 114.6640, 0.3021,
0.3488

 34.5713, 0.2966,
0.3589

145.3939, 0.3029,
0.3472

 23.3328, 0.2943,
0.3633


181.1752, 0.3036,
0.3459

 14.8395, 0.2911,
0.3692

222.3924, 0.3042,
0.3448

 8.7068, 0.2867,
0.3775

269.4299, 0.3048,
0.3438

 4.5504, 0.2800,
0.3902

322.6720, 0.3052,

 1.9860, 0.2686,

0.3429

0.4118

382.5031, 0.3056,
0.3421

0.5993, 0.1749,
0.5832

0.0000, 0.0000,
0.0000

66.8211, 0.2999,
0.3528

66.8211, 0.2999,
0.3528

63.7264, 0.2926,
0.3693

70.3969, 0.3076,
0.3380

61.0834, 0.2859,
0.3874

74.4649, 0.3153,
0.3247

58.8723, 0.2801,
0.4069

79.0465, 0.3231,
0.3130

57.0687, 0.2757,
0.4276

80.4036, 0.3174,
0.3016

■ 55.6454, 0.2728,
0.4488

■ 80.7165, 0.3142,
0.2970

■ 54.5718, 0.2718,
0.4702

■ 53.8124, 0.2728,
0.4909

■ 53.3221, 0.2757,
0.5103

■ 53.1917, 0.2768,
0.5165

Harmonies

Analogous

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



66.8211, 0.3209, 0.3643



66.8211, 0.2999, 0.3528



66.8211, 0.2827, 0.3343

Triad

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



66.8211, 0.2999, 0.3528



66.8211, 0.2851, 0.2939



66.8211, 0.3536, 0.3408

Complementary

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



66.8211, 0.2999, 0.3528



54.6663, 0.3279, 0.3064

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.



66.8211, 0.3434, 0.3228



66.8211, 0.2999, 0.3528



66.8211, 0.3034, 0.2964

Square

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



66.8211, 0.2999, 0.3528



66.8211, 0.2744, 0.3004



66.8211, 0.3248, 0.3069



66.8211, 0.3524, 0.3564

Rectangle

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



66.8211, 0.2999, 0.3528



66.8211, 0.2755, 0.3212



66.8211, 0.3248, 0.3069



66.8211, 0.3514, 0.3348

Sweetspot

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



66.8239, 0.2999, 0.3528



97.2248, 0.3088, 0.3357



68.7750, 0.3252, 0.3718



20.7296, 0.3082, 0.3367



0.0000, 0.0000, 0.0000



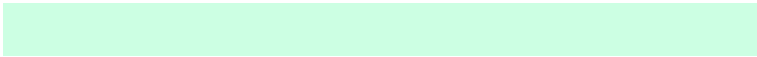
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8239, 0.2999, 0.3528



89.9247, 0.2973, 0.3584



67.7346, 0.2888, 0.3311



15.4413, 0.3054, 0.3420



31.6203, 0.2761, 0.5138



2.2097, 0.2678, 0.4841

Inverse Universe

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



54.6663, 0.3279, 0.3064



70.2501, 0.3318, 0.3013



53.8398, 0.3428, 0.3270



13.8241, 0.3208, 0.3164



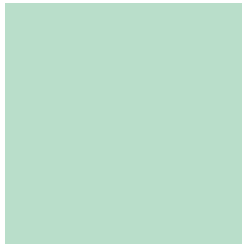
10.0555, 0.4777, 0.2405



0.7150, 0.4469, 0.2236

Previews

White Background



This preview shows how the Yxy color 66.8211, 0.2999, 0.3528 looks on a white background.

Color Contrast Check

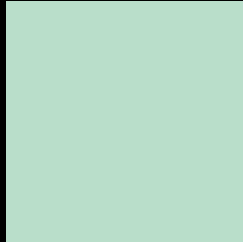
Large Text (above 18pt) WCAG AA × Fail

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 66.8211, 0.2999, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

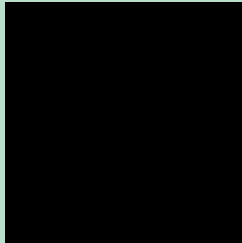
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

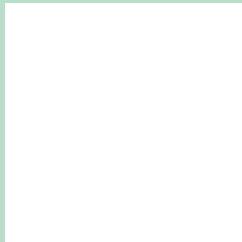
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8211, 0.2999, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 66.8211, 0.2999, 0.3528.

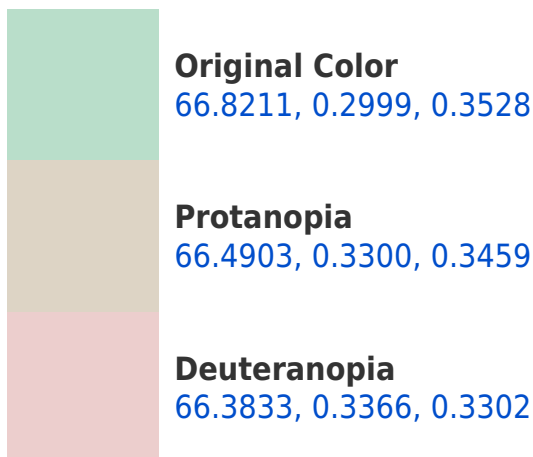


This preview shows how white text looks on a background with the Yxy color 66.8211, 0.2999, 0.3528.

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

66.7002, 0.2835, 0.3085

Trichromacy



Original Color

66.8211, 0.2999, 0.3528

Protanomaly

66.6452, 0.3184, 0.3485

Deuteranomaly

66.1983, 0.3220, 0.3380

Tritanomaly

66.8096, 0.2895, 0.3243

Monochromacy



Original Color

66.8211, 0.2999, 0.3528

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 66.8211, 0.2999, 0.3528 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, 222, 202)` looks like.

```
.text, #text, p{  
    color:rgb(185, 222, 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, 222, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 222, 202) }
```

Border

The CSS property to change the border of an element to Yxy 66.8211, 0.2999, 0.3528 is called "border". The border property can be set on classes, ids or directly on the HTML element.

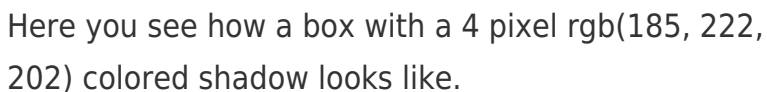
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 222, 202) }
```

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

```
.border{ border-color:rgb(185, 222, 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, 222, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 222, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 222, 202); box-shadow:4px 4px 4px 4px rgb(185, 222, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8211, 0.2999, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 222, 202) }
```

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

```
.background{ background-color: rgb(185,  
222, 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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