

Converting Colors

$Yxy(66.6477, 0.2999, 0.3492)$

Have a look what the booklet for
Yxy(66.6477, 0.2999, 0.3492)
contains.

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Color

Yxy(66.6373, 0.3000, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	BBDDCC
RGB	187, 221, 204
RGB Percent	73%, 87%, 80%
CMY	0.2663, 0.1334, 0.1999
CMYK	0.15, 0.00, 0.08, 0.13
HSL	150°, 33%, 80%
HSV	150°, 15%, 87%
XYZ	57.2649, 66.6373, 66.9809
YIQ	208.8960, -14.8070, -12.4950

Conversions

Conversions Part 2

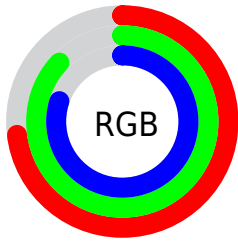
Format	Color
RYB	187, 210, 221
Decimal	12312012
CIELab	85.32, -14.43, 4.59
CIELCh	85, 15.141, 162.335
Yxy	66.6373, 0.3000, 0.3491
Android (android.graphics.Color)	4290502092 (0xFFBBDDCC)
YUV	208.8960, -2.4137, -19.2028
Hunter-Lab	81.6317, -17.6370, 8.4932

Details

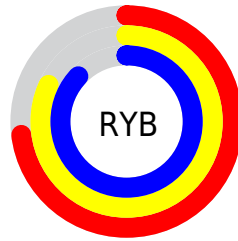
The Yxy color **66.6373, 0.3000, 0.3491** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.3065, 0.3277, 0.3097**, and the grayscale version is **63.7233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **34.4610, 0.2963, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **63.5505, 0.2921, 0.3641**, and if you desaturate by 10%, it is **70.1963, 0.3082, 0.3356**.

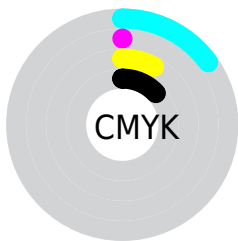
Distribution



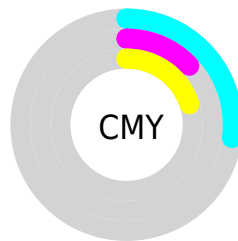
- Red (73%)
- Green (87%)
- Blue (80%)



- Red (73%)
- Yellow (82%)
- Blue (87%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)




- Cyan (27%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6373, 0.3000, 0.3491 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 66.6373, 0.3000, 0.3491 by changing the saturation by 10% instead.

 66.6373, 0.3000,
0.3491

 66.6373, 0.3000,
0.3491

448.6526, 0.3061,
0.3395

 48.7899, 0.2986,
0.3514


 114.4005, 0.3021,
0.3457

 34.4529, 0.2968,
0.3542


145.0852, 0.3030,
0.3444

 23.2417, 0.2945,
0.3579


180.8178, 0.3037,
0.3433

 14.7721, 0.2914,
0.3628

221.9826, 0.3043,
0.3423

 8.6596, 0.2871,
0.3698

268.9641, 0.3048,
0.3415

 4.5198, 0.2806,
0.3803

322.1467, 0.3053,

 1.9684, 0.2697,

0.3408

381.9147, 0.3057,
0.3401

0.3982

0.5890, 0.1859,
0.5274

0.0000, 0.0000,
0.0000

66.6373, 0.3000,
0.3491

66.6373, 0.3000,
0.3491

63.5505, 0.2921,
0.3641

70.1963, 0.3082,
0.3356

60.9072, 0.2849,
0.3805

74.2382, 0.3166,
0.3236

58.6883, 0.2786,
0.3983

78.7837, 0.3250,
0.3129

56.8701, 0.2735,
0.4172

79.7577, 0.3187,
0.3023

■ 55.4264, 0.2701,
0.4367

■ 80.1846, 0.3143,
0.2960

■ 54.3278, 0.2686,
0.4565

■ 53.5400, 0.2691,
0.4760

■ 53.0215, 0.2715,
0.4945

■ 52.8390, 0.2730,
0.5029

Harmonies

Analogous

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



66.6373, 0.3187, 0.3600



66.6373, 0.3000, 0.3491



66.6373, 0.2850, 0.3325

Triad

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



66.6373, 0.3000, 0.3491



66.6373, 0.2891, 0.2975



66.6373, 0.3494, 0.3408

Complementary

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



66.6373, 0.3000, 0.3491



55.3065, 0.3277, 0.3097

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.



66.6373, 0.3410, 0.3247



66.6373, 0.3000, 0.3491



66.6373, 0.3059, 0.3003

Square

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



66.6373, 0.3000, 0.3491



66.6373, 0.2788, 0.3028



66.6373, 0.3249, 0.3101



66.6373, 0.3476, 0.3544

Rectangle

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



66.6373, 0.3000, 0.3491



66.6373, 0.2789, 0.3208



66.6373, 0.3249, 0.3101



66.6373, 0.3477, 0.3355

Sweetspot

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



66.6401, 0.3000, 0.3491



97.2573, 0.3085, 0.3352



68.2179, 0.3234, 0.3684



20.7375, 0.3079, 0.3361



0.0000, 0.0000, 0.0000



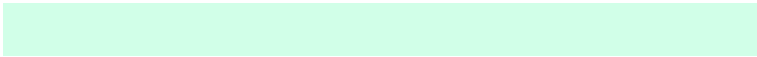
21.4041, 0.3127, 0.3290

Same Dimension

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



66.6401, 0.3000, 0.3491



90.9178, 0.2977, 0.3532



67.4692, 0.2899, 0.3296



14.7142, 0.3048, 0.3409



30.7228, 0.2723, 0.5001



2.0078, 0.2640, 0.4702

Inverse Universe

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



55.3065, 0.3277, 0.3097



72.7402, 0.3309, 0.3061



54.5602, 0.3410, 0.3284



13.1597, 0.3214, 0.3174



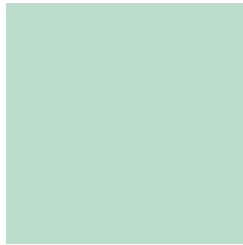
9.6144, 0.4948, 0.2499



0.6403, 0.4588, 0.2301

Previews

White Background



This preview shows how the Yxy color 66.6373, 0.3000, 0.3491 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 66.6373, 0.3000, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

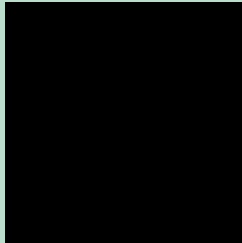
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

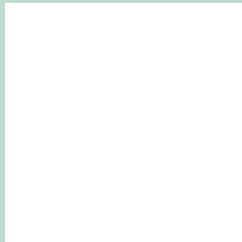
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6373, 0.3000, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 66.6373, 0.3000, 0.3491.

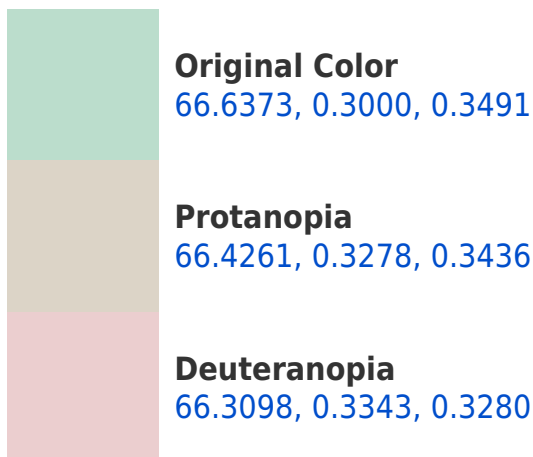


This preview shows how white text looks on a background with the Yxy color 66.6373, 0.3000, 0.3491.

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

66.7727, 0.2847, 0.3096

Trichromacy



Original Color

66.6373, 0.3000, 0.3491

Protanomaly

66.2278, 0.3171, 0.3451

Deuteranomaly

65.9502, 0.3214, 0.3346

Tritanomaly

66.4177, 0.2901, 0.3231

Monochromacy



Original Color

66.6373, 0.3000, 0.3491

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5110, 0.3080, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6373, 0.3000, 0.3491 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(187, 221, 204)` looks like.

```
.text, #text, p{  
    color:rgb(187, 221, 204)  
}
```

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(187, 221, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 221, 204) }
```

Border

The CSS property to change the border of an element to Yxy 66.6373, 0.3000, 0.3491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

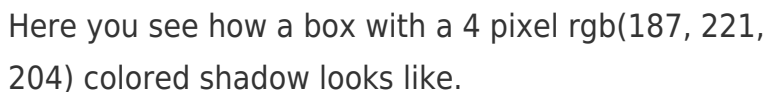
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 221, 204) }
```

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

```
.border{ border-color:rgb(187, 221, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 221, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 221, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 221, 204);  
box-shadow:4px 4px 4px 4px rgb(187, 221,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6373, 0.3000, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 221, 204) }
```

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

```
.background{ background-color: rgb(187,  
221, 204) }
```

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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