

Converting Colors

Yxy(66.5336, 0.2923, 0.3396)

Have a look what the booklet for
Yxy(66.5336, 0.2923, 0.3396)
contains.

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Color

Yxy(66.5336, 0.2923, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	B7DDD4
RGB	183, 221, 212
RGB Percent	72%, 87%, 83%
CMY	0.2824, 0.1333, 0.1686
CMYK	0.17, 0.00, 0.04, 0.13
HSL	166°, 36%, 79%
HSV	166°, 17%, 87%
XYZ	57.2667, 66.5336, 72.1173
YIQ	208.6120, -19.7590, -10.8550

Conversions

Conversions Part 2

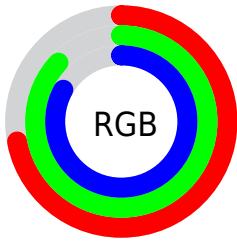
Format	Color
RYB	183, 205, 221
Decimal	12049876
CIELab	85.27, -14.20, 0.26
CIELCh	85, 14.198, 178.940
Yxy	66.5336, 0.2923, 0.3396
Android (android.graphics.Color)	4290239956 (0xFFB7DDD4)
YUV	208.6120, 1.6703, -22.4617
Hunter-Lab	81.5681, -17.4244, 4.6773

Details

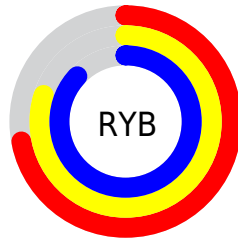
The Yxy color **66.5336, 0.2923, 0.3396** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.0397, 0.3381, 0.3187**, and the grayscale version is **63.4934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **34.3739, 0.2873, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **63.7762, 0.2813, 0.3466**, and if you desaturate by 10%, it is **69.7306, 0.3040, 0.3332**.

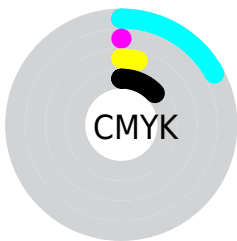
Distribution



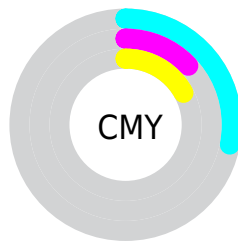
- Red (72%)
- Green (87%)
- Blue (83%)



- Red (72%)
- Yellow (80%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)





- Cyan (28%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5336, 0.2923, 0.3396 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 66.5336, 0.2923, 0.3396 by changing the saturation by 10% instead.


 66.5336, 0.2923,
0.3396

 66.5336, 0.2923,
0.3396


448.2828, 0.3019,
0.3346

 48.7057, 0.2901,
0.3408


 114.2519, 0.2957,
0.3379

 34.3861, 0.2873,
0.3422


144.9110, 0.2970,
0.3372

 23.1904, 0.2837,
0.3440


180.6160, 0.2981,
0.3366

 14.7341, 0.2790,
0.3465

221.7513, 0.2990,
0.3361

 8.6330, 0.2725,
0.3499

268.7012, 0.2999,
0.3357

 4.5026, 0.2629,
0.3549

321.8501, 0.3006,

 1.9585, 0.2472,

0.3353

0.3632

381.5826, 0.3013,
0.3349

0.5832, 0.1476,
0.4143

0.0000, 0.0000,
0.0000

66.5336, 0.2923,
0.3396

66.5336, 0.2923,
0.3396

63.7762, 0.2813,
0.3466

69.7306, 0.3040,
0.3332

61.4303, 0.2714,
0.3541

73.3774, 0.3161,
0.3274


59.4770, 0.2627,
0.3621

77.4943, 0.3285,
0.3223

57.8930, 0.2557,
0.3705

78.8559, 0.3290,
0.3172


 56.6524, 0.2504,
0.3792


 79.1591, 0.3255,
0.3121


 55.7257, 0.2471,
0.3880


 79.4713, 0.3219,
0.3070


 55.0786, 0.2458,
0.3968

 79.7925, 0.3185,
0.3020

 54.6655, 0.2464,
0.4056

 80.1227, 0.3150,
0.2971

 54.5705, 0.2467,
0.4080

 80.1967, 0.3143,
0.2960

Harmonies

Analogous

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



66.5336, 0.3085, 0.3533



66.5336, 0.2923, 0.3396



66.5336, 0.2817, 0.3232

Triad

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



66.5336, 0.2923, 0.3396



66.5336, 0.2987, 0.2999



66.5336, 0.3474, 0.3477

Complementary

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



66.5336, 0.2923, 0.3396



53.0397, 0.3381, 0.3187

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.



66.5336, 0.3447, 0.3334



66.5336, 0.2923, 0.3396



66.5336, 0.3162, 0.3064

Square

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



66.5336, 0.2923, 0.3396



66.5336, 0.2853, 0.3007



66.5336, 0.3332, 0.3185



66.5336, 0.3405, 0.3576

Rectangle

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



66.5336, 0.2923, 0.3396



66.5336, 0.2790, 0.3132



66.5336, 0.3332, 0.3185



66.5336, 0.3476, 0.3433

Sweetspot

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



66.5364, 0.2923, 0.3396



97.4687, 0.3066, 0.3319



66.4058, 0.3173, 0.3745



20.7889, 0.3057, 0.3323



0.0000, 0.0000, 0.0000



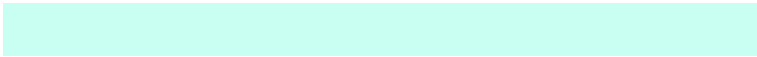
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5364, 0.2923, 0.3396



90.4305, 0.2878, 0.3423



62.1249, 0.2863, 0.3177



14.7741, 0.3013, 0.3346



31.7168, 0.2463, 0.4066



2.0678, 0.2423, 0.3924

Inverse Universe

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



53.0397, 0.3381, 0.3187



68.1047, 0.3453, 0.3162



56.7072, 0.3438, 0.3401



13.1018, 0.3255, 0.3235



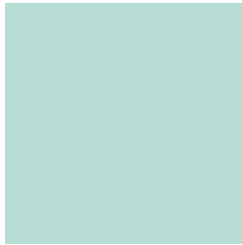
9.0902, 0.5960, 0.3057



0.6024, 0.5495, 0.2801

Previews

White Background



This preview shows how the Yxy color 66.5336, 0.2923, 0.3396 looks on a white background.

Color Contrast Check

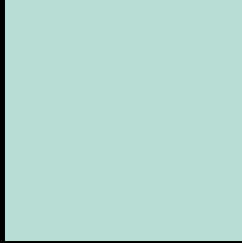
Large Text (above 18pt) WCAG AA × Fail

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 66.5336, 0.2923, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

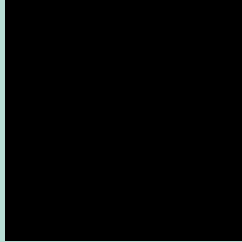
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

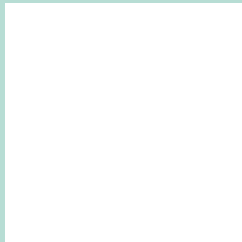
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5336, 0.2923, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 66.5336, 0.2923, 0.3396.

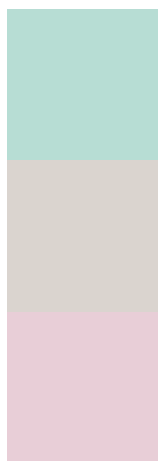


This preview shows how white text looks on a background with the Yxy color 66.5336, 0.2923, 0.3396.

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

66.5336, 0.2923, 0.3396

Protanopia

66.4974, 0.3206, 0.3346

Deuteranopia

66.2047, 0.3261, 0.3193



Tritanopia

66.7058, 0.2810, 0.3095

Trichromacy



Original Color

66.5336, 0.2923, 0.3396

Protanomaly

66.1835, 0.3095, 0.3359

Deuteranomaly

65.7397, 0.3129, 0.3256

Tritanomaly

66.6482, 0.2851, 0.3197

Monochromacy



Original Color

66.5336, 0.2923, 0.3396

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5210, 0.3053, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5336, 0.2923, 0.3396 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(183, 221, 212)` looks like.

```
.text, #text, p{  
    color:rgb(183, 221, 212)  
}
```

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(183, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 221, 212) }
```

Border

The CSS property to change the border of an element to Yxy 66.5336, 0.2923, 0.3396 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(183, 221, 212) }
```

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

```
.border{ border-color:rgb(183, 221, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 221, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(183, 221,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5336, 0.2923, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 221, 212) }
```

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

```
.background{ background-color: rgb(183,  
221, 212) }
```

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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