

Converting Colors

$Yxy(66.8221, 0.2920, 0.3413)$

Have a look what the booklet for
Yxy(66.8221, 0.2920, 0.3413)
contains.

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Color

Yxy(66.8908, 0.2923, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	B6DED3
RGB	182, 222, 211
RGB Percent	71%, 87%, 83%
CMY	0.2863, 0.1294, 0.1725
CMYK	0.18, 0.00, 0.05, 0.13
HSL	163°, 38%, 79%
HSV	163°, 18%, 87%
XYZ	57.1701, 66.8908, 71.5262
YIQ	208.7860, -20.3090, -11.9010

Conversions

Conversions Part 2

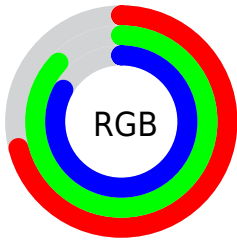
Format	Color
R _{YB}	182, 205, 222
Decimal	11984595
CIE Lab	85.45, -15.21, 1.05
CIE LCh	85, 15.250, 176.044
Yxy	66.8908, 0.2923, 0.3420
Android (android.graphics.Color)	4290174675 (0xFFB6DED3)
YUV	208.7860, 1.0915, -23.4913
Hunter-Lab	81.7868, -18.3529, 5.3990

Details

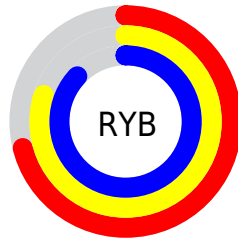
The Yxy color **66.8908, 0.2923, 0.3420** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.8364, 0.3382, 0.3164**, and the grayscale version is **63.6178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **34.6609, 0.2865, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **64.1009, 0.2818, 0.3502**, and if you desaturate by 10%, it is **70.1263, 0.3035, 0.3345**.

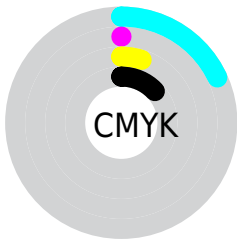
Distribution



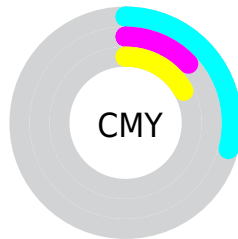
- Red (71%)
- Green (87%)
- Blue (83%)



- Red (71%)
- Yellow (80%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)





- Cyan (29%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8908, 0.2923, 0.3420 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 66.8908, 0.2923, 0.3420 by changing the saturation by 10% instead.


 66.8908, 0.2923,
0.3420

 66.8908, 0.2923,
0.3420

449.5560, 0.3019,
0.3359

 48.9959, 0.2901,
0.3434


 114.7639, 0.2957,
0.3398

 34.6162, 0.2873,
0.3452


145.5109, 0.2970,
0.3390

 23.3674, 0.2837,
0.3475


181.3108, 0.2981,
0.3383

 14.8650, 0.2790,
0.3506

222.5478, 0.2990,
0.3377

 8.7247, 0.2725,
0.3548

269.6064, 0.2999,
0.3372

 4.5621, 0.2628,
0.3611


322.8711, 0.3006,

 1.9927, 0.2471,

0.3367

0.3715


382.7261, 0.3013,
0.3363


 0.6032, 0.1455,
0.4345


 0.0000, 0.0000,
0.0000


 66.8908, 0.2923,
0.3420


 66.8908, 0.2923,
0.3420


 64.1009, 0.2818,
0.3502


 70.1263, 0.3035,
0.3345


 61.7282, 0.2724,
0.3591

 73.8182, 0.3150,
0.3277

 59.7533, 0.2642,
0.3685

 77.9869, 0.3268,
0.3216

 58.1526, 0.2576,
0.3785

 79.5282, 0.3272,
0.3157

■ 56.8993, 0.2528,
0.3887

■ 79.8881, 0.3231,
0.3098

■ 55.9635, 0.2500,
0.3992

■ 80.2602, 0.3190,
0.3039

■ 55.3097, 0.2492,
0.4096

■ 80.6447, 0.3150,
0.2982

■ 54.8878, 0.2502,
0.4199

■ 80.7253, 0.3142,
0.2970

■ 54.8166, 0.2505,
0.4219

Harmonies

Analogous

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



66.8908, 0.3100, 0.3562



66.8908, 0.2923, 0.3420



66.8908, 0.2802, 0.3244

Triad

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



66.8908, 0.2923, 0.3420



66.8908, 0.2961, 0.2976



66.8908, 0.3501, 0.3477

Complementary

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



66.8908, 0.2923, 0.3420



52.8364, 0.3382, 0.3164

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.



66.8908, 0.3463, 0.3321



66.8908, 0.2923, 0.3420



66.8908, 0.3146, 0.3038

Square

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



66.8908, 0.2923, 0.3420



66.8908, 0.2824, 0.2992



66.8908, 0.3331, 0.3163



66.8908, 0.3436, 0.3589

Rectangle

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



66.8908, 0.2923, 0.3420



66.8908, 0.2768, 0.3135



66.8908, 0.3331, 0.3163



66.8908, 0.3500, 0.3427

Sweetspot

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



66.8936, 0.2923, 0.3420



97.4377, 0.3069, 0.3324



67.0042, 0.3185, 0.3767



20.7814, 0.3061, 0.3329



0.0000, 0.0000, 0.0000



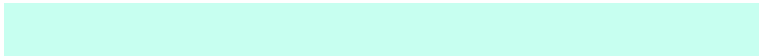
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8936, 0.2923, 0.3420



89.9142, 0.2879, 0.3453



62.9776, 0.2852, 0.3187



15.5047, 0.3018, 0.3355



32.5779, 0.2501, 0.4204



2.2730, 0.2457, 0.4045

Inverse Universe

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



52.8364, 0.3382, 0.3164



66.9328, 0.3456, 0.3133



56.0244, 0.3458, 0.3391



13.7622, 0.3249, 0.3226



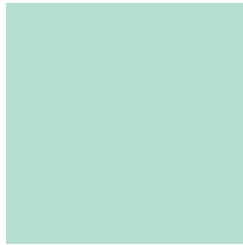
9.4409, 0.5840, 0.2991



0.6693, 0.5398, 0.2747

Previews

White Background



This preview shows how the Yxy color 66.8908, 0.2923, 0.3420 looks on a white background.

Color Contrast Check

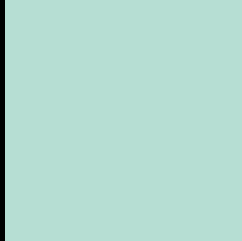
Large Text (above 18pt) WCAG AA × Fail

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 66.8908, 0.2923, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

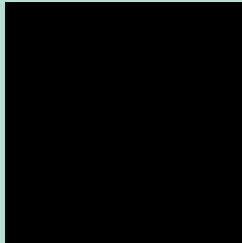
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

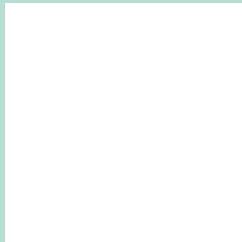
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8908, 0.2923, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 66.8908, 0.2923, 0.3420.

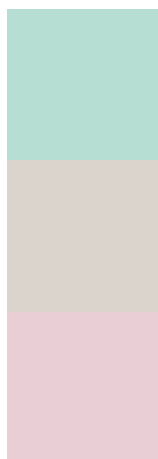


This preview shows how white text looks on a background with the Yxy color 66.8908, 0.2923, 0.3420.

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

66.8908, 0.2923, 0.3420

Protanopia

66.5548, 0.3228, 0.3369

Deuteranopia

66.3213, 0.3276, 0.3204



Tritanopia

66.7637, 0.2804, 0.3084

Trichromacy



Original Color

66.8908, 0.2923, 0.3420

Protanomaly

66.7385, 0.3115, 0.3393

Deuteranomaly

66.1872, 0.3135, 0.3279

Tritanomaly

66.5234, 0.2845, 0.3196

Monochromacy



Original Color

66.8908, 0.2923, 0.3420

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.8884, 0.3045, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8908, 0.2923, 0.3420 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(182, 222, 211)` looks like.

```
.text, #text, p{  
    color:rgb(182, 222, 211)  
}
```

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(182, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 222, 211) }
```

Border

The CSS property to change the border of an element to Yxy 66.8908, 0.2923, 0.3420 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(182, 222, 211) }
```

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

```
.border{ border-color:rgb(182, 222, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 222, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(182, 222,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8908, 0.2923, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 222, 211) }
```

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

```
.background{ background-color: rgb(182,  
222, 211) }
```

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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