

Converting Colors

$Yxy(68.7228, 0.2844, 0.3284)$

Have a look what the booklet for
Yxy(68.7228, 0.2844, 0.3284)
contains.

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Color

Yxy(68.6926, 0.2841, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	B6E0E1
RGB	182, 224, 225
RGB Percent	71%, 88%, 88%
CMY	0.2862, 0.1215, 0.1178
CMYK	0.19, 0.00, 0.00, 0.12
HSL	181°, 42%, 80%
HSV	181°, 19%, 88%
XYZ	59.5350, 68.6926, 81.3289
YIQ	211.5560, -25.3530, -8.5930

Conversions

Conversions Part 2

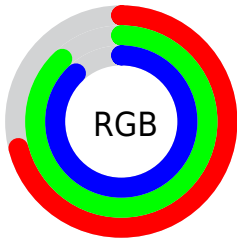
Format	Color
RYB	182, 203, 225
Decimal	11985121
CIELab	86.35, -13.36, -5.00
CIELCh	86, 14.267, 200.499
Yxy	68.6926, 0.2841, 0.3278
Android (android.graphics.Color)	4290175201 (0xFFB6E0E1)
YUV	211.5560, 6.6279, -25.9206
Hunter-Lab	82.8810, -16.8218, -0.1630

Details

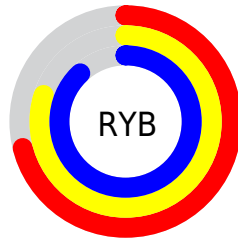
The Yxy color **68.6926, 0.2841, 0.3278** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.2336, 0.3499, 0.3302**, and the grayscale version is **65.4975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **35.8674, 0.2770, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **65.9033, 0.2706, 0.3271**, and if you desaturate by 10%, it is **71.9283, 0.2987, 0.3285**.

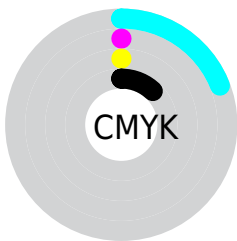
Distribution



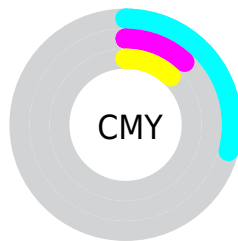
- Red (71%)
- Green (88%)
- Blue (88%)



- Red (71%)
- Yellow (80%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)





- Cyan (29%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6926, 0.2841, 0.3278 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 68.6926, 0.2841, 0.3278 by changing the saturation by 10% instead.


 68.6926, 0.2841,
0.3278

 68.6926, 0.2841,
0.3278

455.9460, 0.2974,
0.3285

 50.4614, 0.2811,
0.3276


 117.3424, 0.2887,
0.3281

 35.7802, 0.2773,
0.3273


148.5298, 0.2905,
0.3282

 24.2645, 0.2725,
0.3270


184.8047, 0.2921,
0.3283

 15.5299, 0.2662,
0.3264

226.5516, 0.2934,
0.3283

 9.1921, 0.2577,
0.3256

274.1547, 0.2946,
0.3284

 4.8667, 0.2453,
0.3242

327.9986, 0.2956,

 2.1693, 0.2258,

0.3284

388.4676, 0.2965,
0.3285

0.3214

0.7032, 0.1578,
0.3243

0.0000, 0.0000,
0.0000

68.6926, 0.2841,
0.3278

68.6926, 0.2841,
0.3278

65.9033, 0.2706,
0.3271

71.9283, 0.2987,
0.3285

63.5311, 0.2584,
0.3264

75.6215, 0.3141,
0.3291

61.5559, 0.2478,
0.3256

79.7935, 0.3300,
0.3296

59.9531, 0.2391,
0.3249


81.0944, 0.3339,
0.3301

 58.6950, 0.2323,
0.3241

 81.3677, 0.3338,
0.3306

 57.7501, 0.2274,
0.3234

 81.6418, 0.3338,
0.3311


 57.0813, 0.2244,
0.3227

 81.9167, 0.3337,
0.3316

 56.6298, 0.2229,
0.3219

 82.1924, 0.3337,
0.3321

 56.5928, 0.2227,
0.3219

 82.4690, 0.3336,
0.3326

Harmonies

Analogous

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



68.6926, 0.2965, 0.3439



68.6926, 0.2841, 0.3278



68.6926, 0.2792, 0.3126

Triad

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



68.6926, 0.2841, 0.3278



68.6926, 0.3112, 0.3040



68.6926, 0.3432, 0.3553

Complementary

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



68.6926, 0.2841, 0.3278



53.2336, 0.3499, 0.3302

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.



68.6926, 0.3475, 0.3439



68.6926, 0.2841, 0.3278



68.6926, 0.3287, 0.3147

Square

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



68.6926, 0.2841, 0.3278



68.6926, 0.2945, 0.2995



68.6926, 0.3421, 0.3291



68.6926, 0.3306, 0.3599

Rectangle

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



68.6926, 0.2841, 0.3278



68.6926, 0.2807, 0.3051



68.6926, 0.3421, 0.3291



68.6926, 0.3456, 0.3521

Sweetspot

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



68.6954, 0.2841, 0.3278



96.9953, 0.3034, 0.3286



67.1851, 0.3098, 0.3803



20.6939, 0.3024, 0.3286



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.



68.6954, 0.2841, 0.3278



89.6910, 0.2784, 0.3275



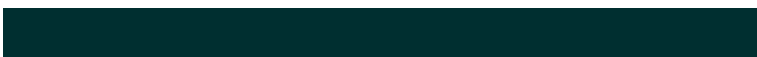
57.9846, 0.2826, 0.3025



15.5171, 0.2982, 0.3284



32.6474, 0.2228, 0.3220



2.2798, 0.2231, 0.3231

Inverse Universe

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



54.8441, 0.3157, 0.2828



68.0340, 0.3163, 0.2728



62.6621, 0.3455, 0.3542



13.9301, 0.3141, 0.3064



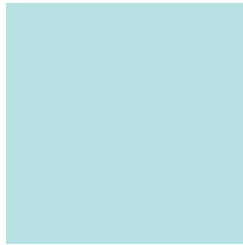
12.2038, 0.3265, 0.1572



0.8476, 0.3256, 0.1567

Previews

White Background



This preview shows how the Yxy color 68.6926, 0.2841, 0.3278 looks on a white background.

Color Contrast Check

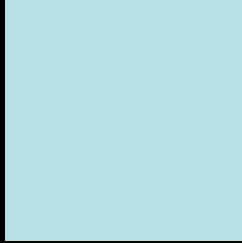
Large Text (above 18pt) WCAG AA × Fail

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 68.6926, 0.2841, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

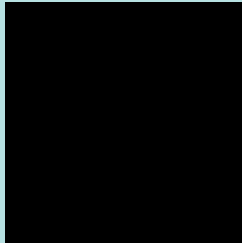
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

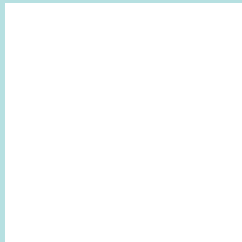
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.6926, 0.2841, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 68.6926, 0.2841, 0.3278.

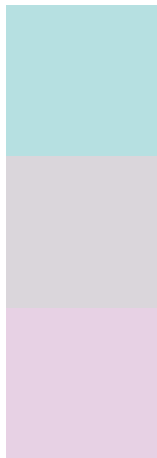


This preview shows how white text looks on a background with the Yxy color 68.6926, 0.2841, 0.3278.

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

68.6926, 0.2841, 0.3278

Protanopia

68.1130, 0.3122, 0.3235

Deuteranopia

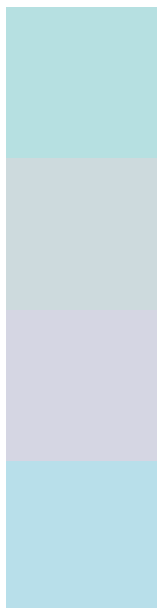
68.1913, 0.3159, 0.3088



Tritanopia

68.7888, 0.2777, 0.3096

Trichromacy



Original Color

68.6926, 0.2841, 0.3278

Protanomaly

68.3424, 0.3016, 0.3256

Deuteranomaly

67.7853, 0.3033, 0.3146

Tritanomaly

68.9062, 0.2801, 0.3163

Monochromacy



Original Color

68.6926, 0.2841, 0.3278

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.5390, 0.3014, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6926, 0.2841, 0.3278 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, 224, 225)` looks like.

```
.text, #text, p{  
    color:rgb(182, 224, 225)  
}
```

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, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 224, 225) }
```

Border

The CSS property to change the border of an element to Yxy 68.6926, 0.2841, 0.3278 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, 224, 225) }
```

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

```
.border{ border-color:rgb(182, 224, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(182, 224,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6926, 0.2841, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 224, 225) }
```

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

```
.background{ background-color: rgb(182,  
224, 225) }
```

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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