

Converting Colors

$Yxy(69.4697, 0.2895, 0.3395)$

Have a look what the booklet for
Yxy(69.4697, 0.2895, 0.3395)
contains.

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Color

Yxy(69.4697, 0.2895, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	B7E2D9
RGB	183, 226, 217
RGB Percent	72%, 89%, 85%
CMY	0.2825, 0.1137, 0.1491
CMYK	0.19, 0.00, 0.04, 0.11
HSL	167°, 43%, 80%
HSV	167°, 19%, 89%
XYZ	59.2385, 69.4697, 75.9153
YIQ	212.1170, -22.7390, -11.9150

Conversions

Conversions Part 2

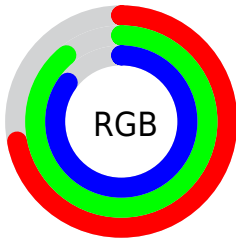
Format	Color
R _{YB}	183, 207, 226
Decimal	12051161
CIE _{Lab}	86.74, -15.73, -0.21
CIE _{LCh}	87, 15.734, 180.780
Y _{xy}	69.4697, 0.2895, 0.3395
Android (android.graphics.Color)	4290241241 (0xFFB7E2D9)
YUV	212.1170, 2.4073, -25.5356
Hunter-Lab	83.3485, -18.9940, 4.3415

Details

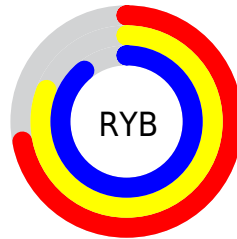
The Yxy color **69.4697, 0.2895, 0.3395** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.8263, 0.3424, 0.3188**, and the grayscale version is **65.9106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **36.4016, 0.2839, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **66.6774, 0.2784, 0.3458**, and if you desaturate by 10%, it is **72.7198, 0.3014, 0.3338**.

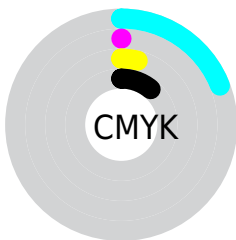
Distribution



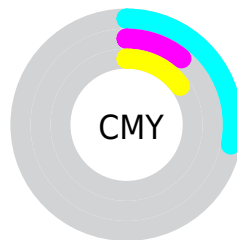
- Red (72%)
- Green (89%)
- Blue (85%)



- Red (72%)
- Yellow (81%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)




- Cyan (28%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4697, 0.2895, 0.3395 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 69.4697, 0.2895, 0.3395 by changing the saturation by 10% instead.

 69.4697, 0.2895,
0.3395

 69.4697, 0.2895,
0.3395

458.6858, 0.3003,
0.3346

 51.0943, 0.2870,
0.3406


 118.4522, 0.2933,
0.3378

 36.2837, 0.2839,
0.3420


149.8281, 0.2947,
0.3371

 24.6534, 0.2800,
0.3438


186.3063, 0.2960,
0.3366

 15.8190, 0.2748,
0.3461

228.2713, 0.2971,
0.3361

 9.3962, 0.2677,
0.3493

276.1073, 0.2980,
0.3357

 5.0005, 0.2574,
0.3539

330.1988, 0.2989,

 2.2475, 0.2409,

0.3353

0.3613

390.9302, 0.2996,
0.3349

0.7457, 0.1711,
0.3930

0.0000, 0.0000,
0.0000

69.4697, 0.2895,
0.3395

69.4697, 0.2895,
0.3395

66.6774, 0.2784,
0.3458

72.7198, 0.3014,
0.3338

64.3131, 0.2684,
0.3525

76.4389, 0.3139,
0.3285


62.3566, 0.2598,
0.3596

80.6486, 0.3267,
0.3238


60.7828, 0.2528,
0.3671


81.7157, 0.3265,
0.3192

 59.5637, 0.2477,
0.3747

 81.9952, 0.3233,
0.3146

 58.6673, 0.2446,
0.3825


 82.2821, 0.3202,
0.3100

 58.0561, 0.2434,
0.3902

 82.5764, 0.3171,
0.3055

 57.6712, 0.2440,
0.3978

 82.8781, 0.3141,
0.3010

 57.6392, 0.2441,
0.3986

 82.8821, 0.3140,
0.3009

Harmonies

Analogous

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



69.4697, 0.3069, 0.3549



69.4697, 0.2895, 0.3395



69.4697, 0.2785, 0.3215

Triad

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



69.4697, 0.2895, 0.3395



69.4697, 0.2985, 0.2975



69.4697, 0.3505, 0.3502

Complementary

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



69.4697, 0.2895, 0.3395



53.8263, 0.3424, 0.3188

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.



69.4697, 0.3482, 0.3348



69.4697, 0.2895, 0.3395



69.4697, 0.3177, 0.3050

Square

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



69.4697, 0.2895, 0.3395



69.4697, 0.2835, 0.2979



69.4697, 0.3361, 0.3184



69.4697, 0.3423, 0.3606

Rectangle

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



69.4697, 0.2895, 0.3395



69.4697, 0.2760, 0.3108



69.4697, 0.3361, 0.3184



69.4697, 0.3509, 0.3454

Sweetspot

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



69.4726, 0.2895, 0.3395



97.0076, 0.3052, 0.3321



69.0631, 0.3168, 0.3801



20.6969, 0.3043, 0.3325



0.0000, 0.0000, 0.0000



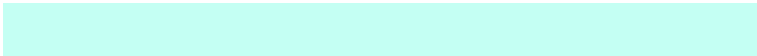
21.4041, 0.3127, 0.3290

Same Dimension

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



69.4726, 0.2895, 0.3395



89.7549, 0.2848, 0.3420



63.5543, 0.2834, 0.3146



15.5205, 0.3010, 0.3340



32.8954, 0.2437, 0.3973



2.2926, 0.2404, 0.3855

Inverse Universe

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



53.8263, 0.3424, 0.3188



65.4847, 0.3505, 0.3165



58.6893, 0.3475, 0.3430



13.7474, 0.3259, 0.3241



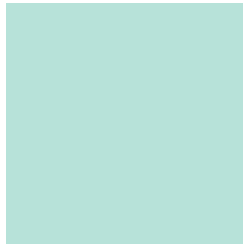
9.3575, 0.6040, 0.3101



0.6617, 0.5612, 0.2865

Previews

White Background



This preview shows how the Yxy color 69.4697, 0.2895, 0.3395 looks on a white background.

Color Contrast Check

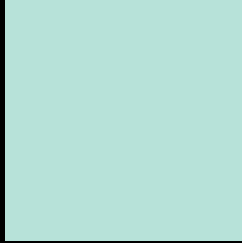
Large Text (above 18pt) WCAG AA × Fail

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 69.4697, 0.2895, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

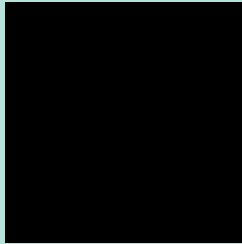
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

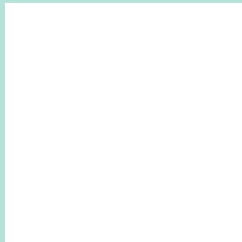
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4697, 0.2895, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 69.4697, 0.2895, 0.3395.

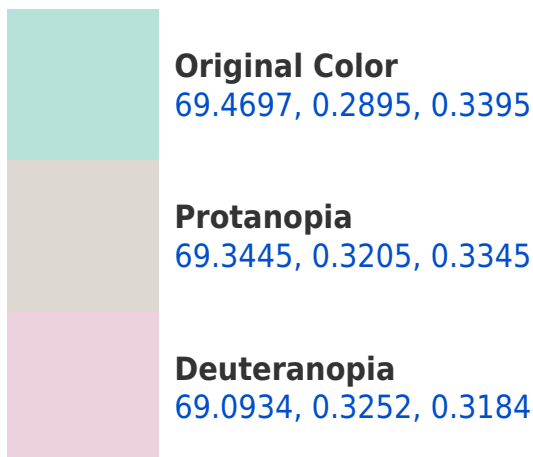


This preview shows how white text looks on a background with the Yxy color 69.4697, 0.2895, 0.3395.

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

69.6314, 0.2785, 0.3097

Trichromacy



Original Color

69.4697, 0.2895, 0.3395

Protanomaly

69.4004, 0.3088, 0.3369

Deuteranomaly

68.9779, 0.3114, 0.3257

Tritanomaly

69.5766, 0.2825, 0.3198

Monochromacy



Original Color

69.4697, 0.2895, 0.3395

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.8983, 0.3033, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4697, 0.2895, 0.3395 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, 226, 217)` looks like.

```
.text, #text, p{  
    color:rgb(183, 226, 217)  
}
```

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, 226, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 226, 217) }
```

Border

The CSS property to change the border of an element to Yxy 69.4697, 0.2895, 0.3395 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, 226, 217) }
```

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

```
.border{ border-color:rgb(183, 226, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 226, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 226, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 226, 217);  
box-shadow:4px 4px 4px 4px rgb(183, 226,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4697, 0.2895, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 226, 217) }
```

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

```
.background{ background-color: rgb(183,  
226, 217) }
```

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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