

Converting Colors

$Yxy(67.7351, 0.2971, 0.3544)$

Have a look what the booklet for
Yxy(67.7351, 0.2971, 0.3544)
contains.

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Color

Yxy(67.5682, 0.2972, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	B6E0CB
RGB	182, 224, 203
RGB Percent	71%, 88%, 80%
CMY	0.2863, 0.1215, 0.2038
CMYK	0.19, 0.00, 0.09, 0.12
HSL	150°, 40%, 80%
HSV	150°, 19%, 88%
XYZ	56.7267, 67.5682, 66.5757
YIQ	209.0480, -18.2910, -15.4350

Conversions

Conversions Part 2

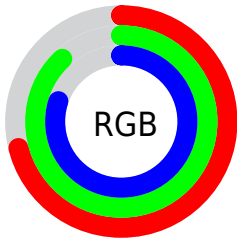
Format	Color
RYB	182, 210, 224
Decimal	11985099
CIELab	85.79, -17.78, 5.75
CIELCh	86, 18.684, 162.083
Yxy	67.5682, 0.2972, 0.3540
Android (android.graphics.Color)	4290175179 (0xFFB6E0CB)
YUV	209.0480, -2.9817, -23.7211
Hunter-Lab	82.1999, -20.6656, 9.5195

Details

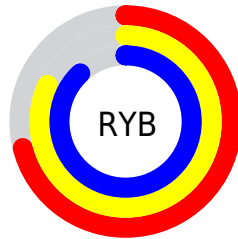
The Yxy color **67.5682, 0.2972, 0.3540** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.6062, 0.3317, 0.3053**, and the grayscale version is **63.8231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **35.2130, 0.2937, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **64.5447, 0.2895, 0.3695**, and if you desaturate by 10%, it is **71.0720, 0.3054, 0.3400**.

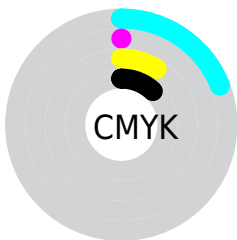
Distribution



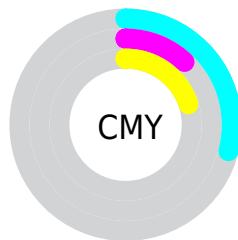
- Red (71%)
- Green (88%)
- Blue (80%)



- Red (71%)
- Yellow (82%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)




- Cyan (29%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5682, 0.2972, 0.3540 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 67.5682, 0.2972, 0.3540 by changing the saturation by 10% instead.


 67.5682, 0.2972,
0.3540

 67.5682, 0.2972,
0.3540


451.9646, 0.3046,
0.3421

 49.5465, 0.2955,
0.3568


 115.7342, 0.2998,
0.3498

 35.0532, 0.2933,
0.3604


146.6473, 0.3008,
0.3482

 23.7039, 0.2905,
0.3650


182.6264, 0.3017,
0.3468

 15.1141, 0.2867,
0.3711

224.0558, 0.3024,
0.3456

 8.8995, 0.2814,
0.3798

271.3199, 0.3031,
0.3445

 4.6757, 0.2735,
0.3930


324.8032, 0.3036,


 2.0583, 0.2602,


0.3436


0.4154

384.8899, 0.3041,
0.3428


 0.6410, 0.1576,
0.5763


 0.0000, 0.0000,
0.0000


 67.5682, 0.2972,
0.3540


 67.5682, 0.2972,
0.3540


 64.5447, 0.2895,
0.3695


 71.0720, 0.3054,
0.3400


 61.9715, 0.2825,
0.3863

 75.0678, 0.3138,
0.3275

 59.8282, 0.2766,
0.4045

 79.5772, 0.3222,
0.3164

 58.0895, 0.2720,
0.4236

 81.3358, 0.3188,
0.3058

■ 56.7273, 0.2692,
0.4432

■ 81.7944, 0.3141,
0.2989

■ 55.7097, 0.2684,
0.4629

■ 54.9991, 0.2696,
0.4821

■ 54.5389, 0.2725,
0.5003

■ 54.4897, 0.2729,
0.5025

Harmonies

Analogous

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



67.5682, 0.3201, 0.3674



67.5682, 0.2972, 0.3540



67.5682, 0.2789, 0.3333

Triad

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



67.5682, 0.2972, 0.3540



67.5682, 0.2836, 0.2906



67.5682, 0.3579, 0.3430

Complementary

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



67.5682, 0.2972, 0.3540



53.6062, 0.3317, 0.3053

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.



67.5682, 0.3474, 0.3234



67.5682, 0.2972, 0.3540



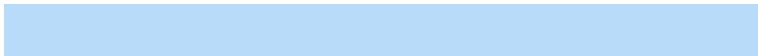
67.5682, 0.3040, 0.2939

Square

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



67.5682, 0.2972, 0.3540



67.5682, 0.2713, 0.2969



67.5682, 0.3274, 0.3058



67.5682, 0.3557, 0.3599

Rectangle

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



67.5682, 0.2972, 0.3540



67.5682, 0.2715, 0.3189



67.5682, 0.3274, 0.3058



67.5682, 0.3558, 0.3365

Sweetspot

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



67.5710, 0.2972, 0.3540



96.7309, 0.3076, 0.3365



69.3868, 0.3253, 0.3779



20.6314, 0.3071, 0.3373



0.0000, 0.0000, 0.0000



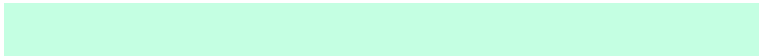
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5710, 0.2972, 0.3540



88.7794, 0.2937, 0.3606



68.6395, 0.2846, 0.3289



15.4513, 0.3048, 0.3409



31.7384, 0.2722, 0.4998



2.2180, 0.2643, 0.4716

Inverse Universe

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



53.6062, 0.3317, 0.3053



66.3676, 0.3372, 0.2994



52.6735, 0.3493, 0.3291



13.8140, 0.3214, 0.3174



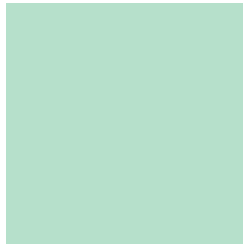
9.9253, 0.4956, 0.2504



0.7060, 0.4615, 0.2316

Previews

White Background



This preview shows how the Yxy color 67.5682, 0.2972, 0.3540 looks on a white background.

Color Contrast Check

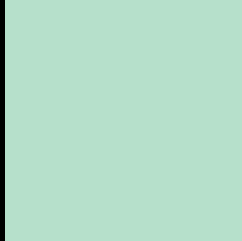
Large Text (above 18pt) WCAG AA × Fail

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 67.5682, 0.2972, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

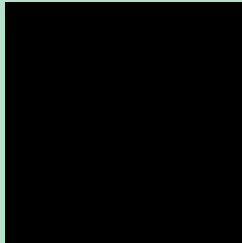
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

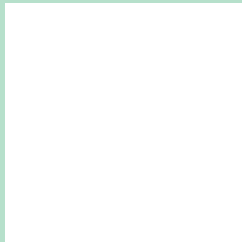
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5682, 0.2972, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 67.5682, 0.2972, 0.3540.

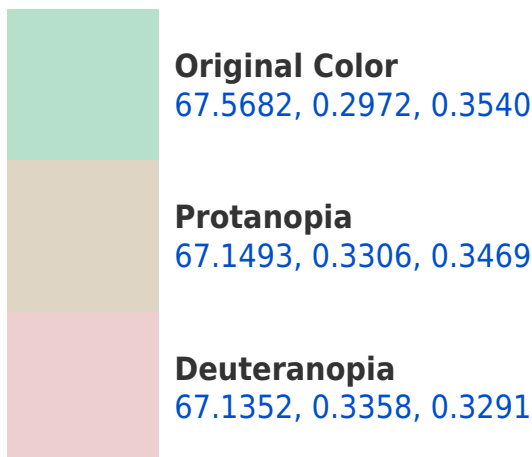


This preview shows how white text looks on a background with the Yxy color 67.5682, 0.2972, 0.3540.

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

67.4688, 0.2805, 0.3084

Trichromacy



Original Color

67.5682, 0.2972, 0.3540

Protanomaly

67.0146, 0.3176, 0.3497

Deuteranomaly

66.7964, 0.3205, 0.3369

Tritanomaly

67.5882, 0.2864, 0.3243

Monochromacy



Original Color

67.5682, 0.2972, 0.3540

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.7402, 0.3065, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5682, 0.2972, 0.3540 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(182, 224, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 224, 203) }
```

Border

The CSS property to change the border of an element to Yxy 67.5682, 0.2972, 0.3540 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, 203) }
```

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

```
.border{ border-color:rgb(182, 224, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 224, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 224, 203);  
box-shadow:4px 4px 4px 4px rgb(182, 224,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5682, 0.2972, 0.3540 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, 203) }
```

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

```
.background{ background-color: rgb(182,  
224, 203) }
```

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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