

Converting Colors

$Yxy(67.8139, 0.2998, 0.3572)$

Have a look what the booklet for
Yxy(67.8139, 0.2998, 0.3572)
contains.

Yxy(67.7187, 0.2998, 0.3564)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.7187, 0.2998, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	B8E0C9
RGB	184, 224, 201
RGB Percent	72%, 88%, 79%
CMY	0.2784, 0.1215, 0.2118
CMYK	0.18, 0.00, 0.10, 0.12
HSL	145°, 39%, 80%
HSV	145°, 18%, 88%
XYZ	56.9643, 67.7187, 65.3246
YIQ	209.4180, -16.4570, -15.6330

Conversions

Conversions Part 2

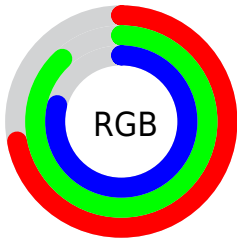
Format	Color
RYB	184, 212, 224
Decimal	12116169
CIELab	85.87, -17.52, 6.95
CIELCh	86, 18.845, 158.364
Yxy	67.7187, 0.2998, 0.3564
Android (android.graphics.Color)	4290306249 (0xFFB8E0C9)
YUV	209.4180, -4.1501, -22.2916
Hunter-Lab	82.2914, -20.4475, 10.5383

Details

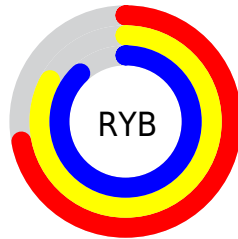
The Yxy color **67.7187, 0.2998, 0.3564** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.6333, 0.3281, 0.3031**, and the grayscale version is **64.0844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **35.2283, 0.2961, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **64.5896, 0.2930, 0.3742**, and if you desaturate by 10%, it is **71.3423, 0.3070, 0.3404**.

Distribution



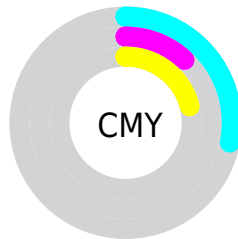
- Red (72%)
- Green (88%)
- Blue (79%)



- Red (72%)
- Yellow (83%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)





- Cyan (28%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7187, 0.2998, 0.3564 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 67.7187, 0.2998, 0.3564 by changing the saturation by 10% instead.

 67.7187, 0.2998,
0.3564

 67.7187, 0.2998,
0.3564

452.4987, 0.3060,
0.3433

 49.6689, 0.2983,
0.3595


 115.9496, 0.3020,
0.3518

 35.1504, 0.2965,
0.3634


146.8996, 0.3028,
0.3500

 23.7788, 0.2941,
0.3685


182.9184, 0.3035,
0.3485

 15.1696, 0.2909,
0.3753

224.3904, 0.3042,
0.3471

 8.9385, 0.2864,
0.3849

271.7000, 0.3047,
0.3460

 4.7011, 0.2795,
0.3995

325.2317, 0.3052,

 2.0730, 0.2678,

0.3450

0.4243

385.3698, 0.3056,
0.3441

0.6494, 0.1788,
0.6125

0.0000, 0.0000,
0.0000

67.7187, 0.2998,
0.3564

67.7187, 0.2998,
0.3564

64.5896, 0.2930,
0.3742

71.3423, 0.3070,
0.3404

61.9248, 0.2867,
0.3937

75.4724, 0.3143,
0.3261

59.7035, 0.2815,
0.4147

80.1310, 0.3215,
0.3135

57.9002, 0.2775,
0.4368

81.6363, 0.3157,
0.3013

■ 56.4864, 0.2751,
0.4595

■ 81.7946, 0.3141,
0.2989

■ 55.4302, 0.2745,
0.4820

■ 54.6940, 0.2759,
0.5035

■ 54.2262, 0.2791,
0.5233

■ 54.1442, 0.2798,
0.5273

Harmonies

Analogous

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



67.7187, 0.3231, 0.3686



67.7187, 0.2998, 0.3564



67.7187, 0.2805, 0.3361

Triad

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



67.7187, 0.2998, 0.3564



67.7187, 0.2813, 0.2905



67.7187, 0.3576, 0.3407

Complementary

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



67.7187, 0.2998, 0.3564



54.6333, 0.3281, 0.3031

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.



67.7187, 0.3456, 0.3210



67.7187, 0.2998, 0.3564



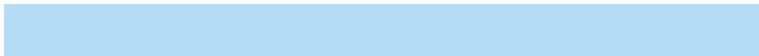
67.7187, 0.3011, 0.2928

Square

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



67.7187, 0.2998, 0.3564



67.7187, 0.2701, 0.2981



67.7187, 0.3247, 0.3038



67.7187, 0.3570, 0.3583

Rectangle

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



67.7187, 0.2998, 0.3564



67.7187, 0.2722, 0.3215



67.7187, 0.3247, 0.3038



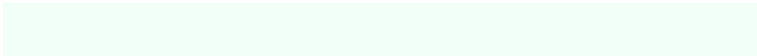
67.7187, 0.3549, 0.3341

Sweetspot

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



67.7215, 0.2998, 0.3564



97.1982, 0.3090, 0.3362



70.0890, 0.3271, 0.3751



20.7232, 0.3085, 0.3372



0.0000, 0.0000, 0.0000



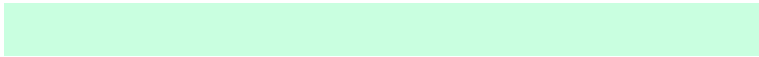
21.4041, 0.3127, 0.3290

Same Dimension

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



67.7215, 0.2998, 0.3564



89.3929, 0.2975, 0.3621



68.7076, 0.2879, 0.3328



15.4334, 0.3058, 0.3428



31.5358, 0.2790, 0.5245



2.2035, 0.2705, 0.4939

Inverse Universe

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



54.6333, 0.3281, 0.3031



69.0836, 0.3316, 0.2981



53.7301, 0.3444, 0.3253



13.8320, 0.3203, 0.3156



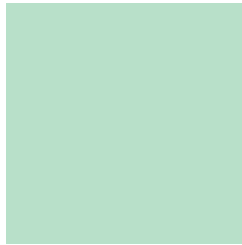
10.1675, 0.4637, 0.2328



0.7226, 0.4357, 0.2174

Previews

White Background



This preview shows how the Yxy color 67.7187, 0.2998, 0.3564 looks on a white background.

Color Contrast Check

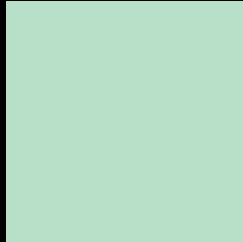
Large Text (above 18pt) WCAG AA × Fail

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 67.7187, 0.2998, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

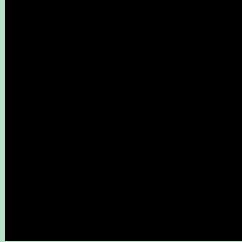
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

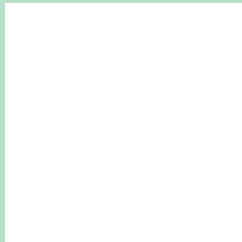
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7187, 0.2998, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 67.7187, 0.2998, 0.3564.

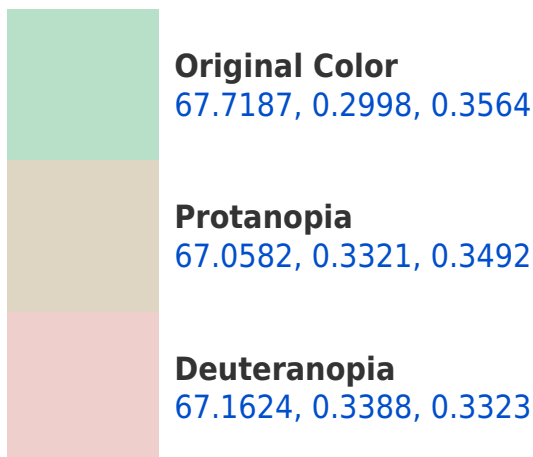


This preview shows how white text looks on a background with the Yxy color 67.7187, 0.2998, 0.3564.

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

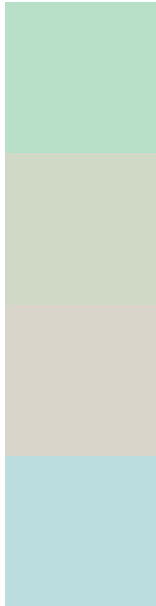




Tritanopia

67.6663, 0.2824, 0.3096

Trichromacy



Original Color

67.7187, 0.2998, 0.3564

Protanomaly

67.0668, 0.3197, 0.3520

Deuteranomaly

66.8057, 0.3234, 0.3403

Tritanomaly

67.7320, 0.2889, 0.3266

Monochromacy



Original Color

67.7187, 0.2998, 0.3564

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.8287, 0.3079, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7187, 0.2998, 0.3564 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(184, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 201)  
}
```

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(184, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 201) }
```

Border

The CSS property to change the border of an element to Yxy 67.7187, 0.2998, 0.3564 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(184, 224, 201) }
```

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

```
.border{ border-color:rgb(184, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7187, 0.2998, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 201) }
```

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

```
.background{ background-color: rgb(184,  
224, 201) }
```

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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