

Converting Colors

$Yxy(67.7808, 0.2783, 0.3559)$

Have a look what the booklet for
Yxy(67.7808, 0.2783, 0.3559)
contains.

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Color

Yxy(67.5613, 0.2779, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	9BE5D0
RGB	155, 229, 208
RGB Percent	61%, 90%, 82%
CMY	0.3923, 0.1019, 0.1842
CMYK	0.32, 0.00, 0.09, 0.10
HSL	163°, 59%, 75%
HSV	163°, 32%, 90%
XYZ	52.9179, 67.5613, 69.9416
YIQ	204.4800, -37.3630, -22.2190

Conversions

Conversions Part 2

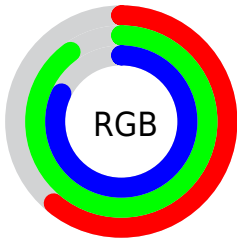
Format	Color
RYB	155, 198, 229
Decimal	10216912
CIELab	85.79, -27.40, 2.93
CIElCh	86, 27.560, 173.901
Yxy	67.5613, 0.2779, 0.3548
Android (android.graphics.Color)	4288406992 (0xFF9BE5D0)
YUV	204.4800, 1.7354, -43.3940
Hunter-Lab	82.1957, -28.9234, 7.0862

Details

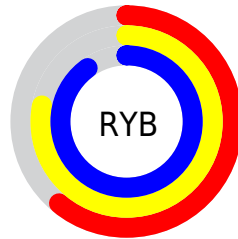
The Yxy color **67.5613, 0.2779, 0.3548** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.2204, 0.3659, 0.3049**, and the grayscale version is **60.7063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **34.9869, 0.2693, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **65.1968, 0.2690, 0.3643**, and if you desaturate by 10%, it is **70.3740, 0.2879, 0.3460**.

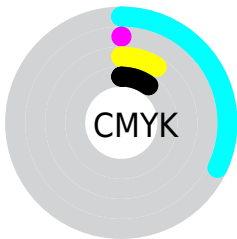
Distribution



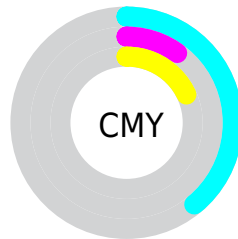
- Red (61%)
- Green (90%)
- Blue (82%)



- Red (61%)
- Yellow (78%)
- Blue (90%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)





- Cyan (39%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5613, 0.2779, 0.3548 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 67.5613, 0.2779, 0.3548 by changing the saturation by 10% instead.


 67.5613, 0.2779,
0.3548


 67.5613, 0.2779,
0.3548


451.9401, 0.2943,
0.3426

 49.5409, 0.2741,
0.3577


 115.7243, 0.2836,
0.3505

 35.0488, 0.2694,
0.3613


 146.6358, 0.2858,
0.3488

 23.7004, 0.2633,
0.3659


182.6130, 0.2877,
0.3474

 15.1116, 0.2553,
0.3721

224.0404, 0.2894,
0.3462

 8.8977, 0.2443,
0.3807

271.3025, 0.2908,
0.3451

 4.6745, 0.2280,
0.3936

324.7835, 0.2921,

 2.0576, 0.2019,

0.3442

0.4149

384.8679, 0.2933,
0.3433

0.6406, 0.0000,
0.5652

0.0000, 0.0000,
0.0000

67.5613, 0.2779,
0.3548

67.5613, 0.2779,
0.3548

65.1968, 0.2690,
0.3643

70.3740, 0.2879,
0.3460

63.2477, 0.2616,
0.3743


73.6493, 0.2987,
0.3379


61.6898, 0.2558,
0.3847


77.4108, 0.3100,
0.3306


60.4930, 0.2520,
0.3954


81.6785, 0.3216,
0.3240

 59.6225, 0.2501,
0.4063

 83.6239, 0.3232,
0.3178

 59.0366, 0.2503,
0.4170

 84.0175, 0.3190,
0.3115

 58.7289, 0.2514,
0.4251

 84.4251, 0.3149,
0.3053

 84.5244, 0.3139,
0.3039

Harmonies

Analogous

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



67.5613, 0.3095, 0.3807



67.5613, 0.2779, 0.3548



67.5613, 0.2562, 0.3219

Triad

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



67.5613, 0.2779, 0.3548



67.5613, 0.2805, 0.2737



67.5613, 0.3806, 0.3591

Complementary

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



67.5613, 0.2779, 0.3548



43.2204, 0.3659, 0.3049

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.



67.5613, 0.3724, 0.3314



67.5613, 0.2779, 0.3548



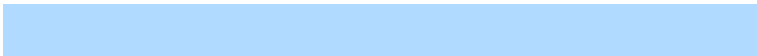
67.5613, 0.3130, 0.2839

Square

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



67.5613, 0.2779, 0.3548



67.5613, 0.2577, 0.2767



67.5613, 0.3471, 0.3045



67.5613, 0.3695, 0.3811

Rectangle

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



67.5613, 0.2779, 0.3548



67.5613, 0.2498, 0.3019



67.5613, 0.3471, 0.3045



67.5613, 0.3801, 0.3502

Sweetspot

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



67.5640, 0.2779, 0.3548



95.0237, 0.3012, 0.3362



67.7770, 0.3232, 0.4204



20.2003, 0.2997, 0.3373



0.0000, 0.0000, 0.0000



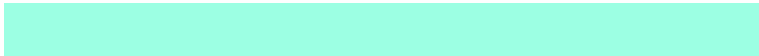
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5640, 0.2779, 0.3548



84.0791, 0.2716, 0.3613



60.8163, 0.2644, 0.3107



16.2631, 0.3019, 0.3357



33.5965, 0.2510, 0.4235



2.4984, 0.2466, 0.4079

Inverse Universe

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



43.2204, 0.3659, 0.3049



48.3356, 0.3824, 0.2997



47.6873, 0.3818, 0.3464



14.4348, 0.3248, 0.3224



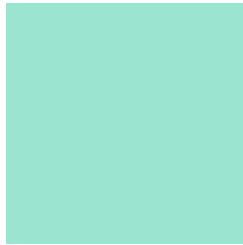
9.7596, 0.5815, 0.2977



0.7368, 0.5397, 0.2747

Previews

White Background



This preview shows how the Yxy color 67.5613, 0.2779, 0.3548 looks on a white background.

Color Contrast Check

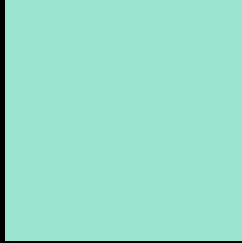
Large Text (above 18pt) WCAG AA × Fail

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 67.5613, 0.2779, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

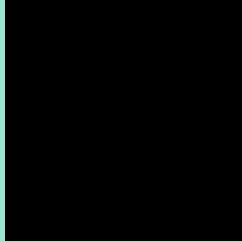
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

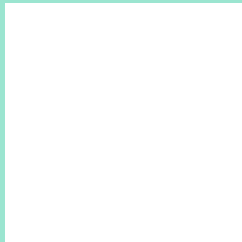
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5613, 0.2779, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 67.5613, 0.2779, 0.3548.

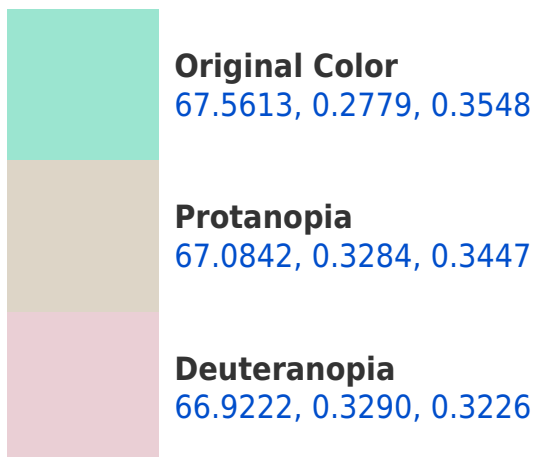


This preview shows how white text looks on a background with the Yxy color 67.5613, 0.2779, 0.3548.

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

67.5086, 0.2635, 0.3079

Trichromacy



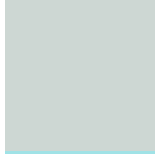
Original Color

67.5613, 0.2779, 0.3548



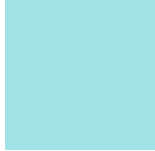
Protanomaly

66.7976, 0.3082, 0.3489



Deuteranomaly

66.2832, 0.3082, 0.3336



Tritanomaly

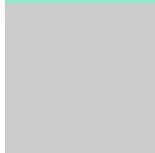
67.5795, 0.2685, 0.3241

Monochromacy



Original Color

67.5613, 0.2779, 0.3548



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

62.4354, 0.2986, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5613, 0.2779, 0.3548 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(155, 229, 208)` looks like.

```
.text, #text, p{  
    color:rgb(155, 229, 208)  
}
```

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(155, 229, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 229, 208) }
```

Border

The CSS property to change the border of an element to Yxy 67.5613, 0.2779, 0.3548 is called "border". The border property can be set on classes, ids or directly on the HTML element.

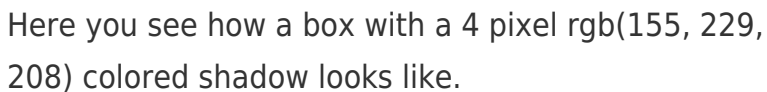
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 229, 208) }
```

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

```
.border{ border-color:rgb(155, 229, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 229, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 229, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 229, 208);  
box-shadow:4px 4px 4px 4px rgb(155, 229,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5613, 0.2779, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 229, 208) }
```

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

```
.background{ background-color: rgb(155,  
229, 208) }
```

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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