

Converting Colors

$Yxy(67.2229, 0.2749, 0.3474)$

Have a look what the booklet for
Yxy(67.2229, 0.2749, 0.3474)
contains.

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Color

Yxy(67.2595, 0.2751, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	9BE4D5
RGB	155, 228, 213
RGB Percent	61%, 89%, 84%
CMY	0.3920, 0.1059, 0.1647
CMYK	0.32, 0.00, 0.07, 0.11
HSL	168°, 57%, 75%
HSV	168°, 32%, 89%
XYZ	53.2770, 67.2595, 73.1275
YIQ	204.4630, -38.6930, -20.1410

Conversions

Conversions Part 2

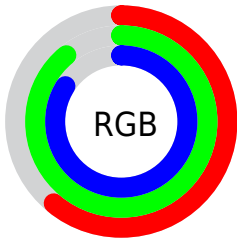
Format	Color
RYB	155, 196, 228
Decimal	10216661
CIELab	85.63, -25.82, 0.09
CIElCh	86, 25.822, 179.811
Yxy	67.2595, 0.2751, 0.3473
Android (android.graphics.Color)	4288406741 (0xFF9BE4D5)
YUV	204.4630, 4.2087, -43.3791
Hunter-Lab	82.0119, -27.5628, 4.5412

Details

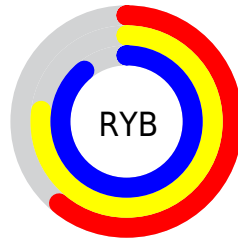
The Yxy color **67.2595, 0.2751, 0.3473** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8532, 0.3709, 0.3117**, and the grayscale version is **60.6897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **34.7404, 0.2664, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **64.9801, 0.2654, 0.3540**, and if you desaturate by 10%, it is **69.9771, 0.2860, 0.3410**.

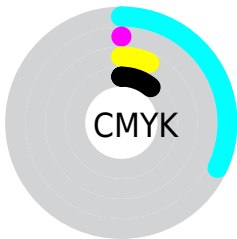
Distribution



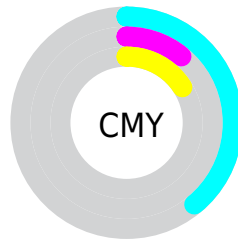
- Red (61%)
- Green (89%)
- Blue (84%)



- Red (61%)
- Yellow (77%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)





- Cyan (39%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2595, 0.2751, 0.3473 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 67.2595, 0.2751, 0.3473 by changing the saturation by 10% instead.

 67.2595, 0.2751,
0.3473

 67.2595, 0.2751,
0.3473

450.8679, 0.2927,
0.3387

 49.2955, 0.2710,
0.3493


 115.2922, 0.2812,
0.3443

 34.8540, 0.2660,
0.3517


 146.1297, 0.2836,
0.3432

 23.5504, 0.2595,
0.3549

182.0271, 0.2857,
0.3422

 15.0005, 0.2511,
0.3590

223.3690, 0.2874,
0.3413

 8.8197, 0.2394,
0.3647

270.5396, 0.2890,
0.3405

 4.6238, 0.2224,
0.3729

323.9233, 0.2904,

 2.0283, 0.1955,

0.3399

0.3861

383.9047, 0.2916,
0.3393

0.6238, 0.0000,
0.4809

0.0000, 0.0000,
0.0000

67.2595, 0.2751,
0.3473

67.2595, 0.2751,
0.3473

64.9801, 0.2654,
0.3540

69.9771, 0.2860,
0.3410

63.1067, 0.2572,
0.3611

73.1470, 0.2978,
0.3353

61.6155, 0.2508,
0.3684

76.7926, 0.3102,
0.3300

60.4769, 0.2462,
0.3759

80.9332, 0.3230,
0.3252

■ 59.6569, 0.2437,
0.3835

■ 82.8265, 0.3260,
0.3207

■ 59.1146, 0.2431,
0.3910

■ 83.1031, 0.3229,
0.3162

■ 58.8275, 0.2436,
0.3970

■ 83.3869, 0.3198,
0.3116

■ 83.6780, 0.3168,
0.3071

■ 83.9653, 0.3139,
0.3029

Harmonies

Analogous

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



67.2595, 0.3035, 0.3736



67.2595, 0.2751, 0.3473



67.2595, 0.2571, 0.3167

Triad

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



67.2595, 0.2751, 0.3473



67.2595, 0.2880, 0.2779



67.2595, 0.3758, 0.3622

Complementary

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



67.2595, 0.2751, 0.3473



42.8532, 0.3709, 0.3117

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.



67.2595, 0.3716, 0.3366



67.2595, 0.2751, 0.3473



67.2595, 0.3196, 0.2896

Square

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



67.2595, 0.2751, 0.3473



67.2595, 0.2643, 0.2782



67.2595, 0.3506, 0.3106



67.2595, 0.3622, 0.3808

Rectangle

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



67.2595, 0.2751, 0.3473



67.2595, 0.2529, 0.2989



67.2595, 0.3506, 0.3106



67.2595, 0.3764, 0.3541

Sweetspot

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



67.2622, 0.2751, 0.3473



95.1475, 0.3001, 0.3342



66.4941, 0.3189, 0.4205



20.2304, 0.2984, 0.3350



0.0000, 0.0000, 0.0000



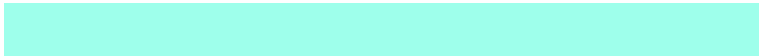
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2622, 0.2751, 0.3473



84.8025, 0.2689, 0.3514



57.3577, 0.2640, 0.3033



16.2830, 0.3009, 0.3339



33.9877, 0.2433, 0.3959



2.5244, 0.2403, 0.3849

Inverse Universe

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



42.8532, 0.3709, 0.3117



48.9627, 0.3874, 0.3083



49.7991, 0.3786, 0.3532



14.4162, 0.3260, 0.3242



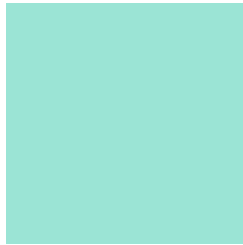
9.6558, 0.6055, 0.3109



0.7268, 0.5655, 0.2889

Previews

White Background



This preview shows how the Yxy color 67.2595, 0.2751, 0.3473 looks on a white background.

Color Contrast Check

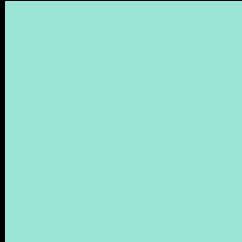
Large Text (above 18pt) WCAG AA × Fail

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 67.2595, 0.2751, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

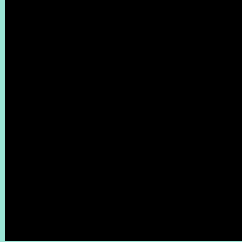
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

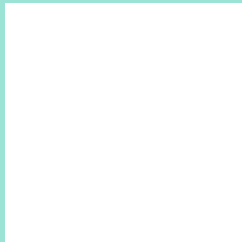
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2595, 0.2751, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 67.2595, 0.2751, 0.3473.

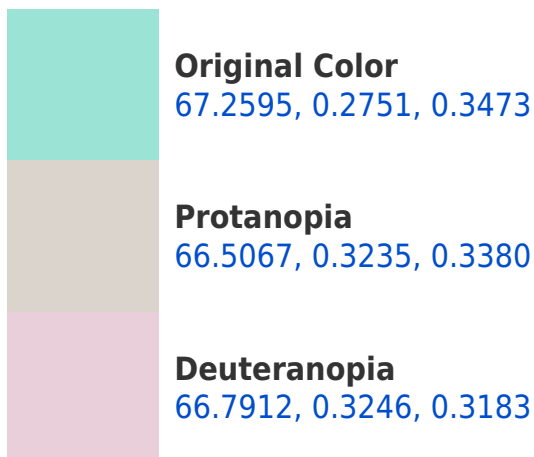


This preview shows how white text looks on a background with the Yxy color 67.2595, 0.2751, 0.3473.

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

67.4035, 0.2630, 0.3078

Trichromacy



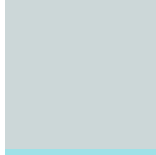
Original Color

67.2595, 0.2751, 0.3473



Protanomaly

66.3836, 0.3043, 0.3418



Deuteranomaly

66.3961, 0.3041, 0.3278



Tritanomaly

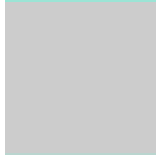
66.9909, 0.2672, 0.3217

Monochromacy



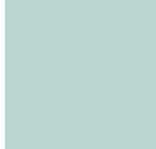
Original Color

67.2595, 0.2751, 0.3473



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

62.5326, 0.2973, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2595, 0.2751, 0.3473 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, 228, 213)` looks like.

```
.text, #text, p{  
    color:rgb(155, 228, 213)  
}
```

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, 228, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 228, 213) }
```

Border

The CSS property to change the border of an element to Yxy 67.2595, 0.2751, 0.3473 is called "border". The border property can be set on classes, ids or directly on the HTML element.

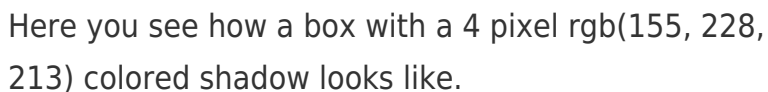
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 228, 213) }
```

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

```
.border{ border-color:rgb(155, 228, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 228, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 228, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 228, 213); box-shadow:4px 4px 4px 4px rgb(155, 228, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2595, 0.2751, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 228, 213) }
```

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

```
.background{ background-color: rgb(155,  
228, 213) }
```

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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