

Converting Colors

$Yxy(71.0417, 0.2953, 0.3369)$

Have a look what the booklet for
Yxy(71.0417, 0.2953, 0.3369)
contains.

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Color

Yxy(70.9765, 0.2954, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	C2E2DB
RGB	194, 226, 219
RGB Percent	76%, 89%, 86%
CMY	0.2392, 0.1137, 0.1410
CMYK	0.14, 0.00, 0.03, 0.11
HSL	167°, 36%, 82%
HSV	167°, 14%, 89%
XYZ	62.2335, 70.9765, 77.4653
YIQ	215.6340, -16.8250, -8.9610

Conversions

Conversions Part 2

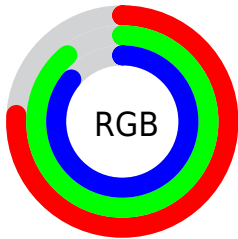
Format	Color
RYB	194, 212, 226
Decimal	12772059
CIELab	87.47, -11.83, -0.14
CIELCh	87, 11.832, 180.685
Yxy	70.9765, 0.2954, 0.3369
Android (android.graphics.Color)	4290962139 (0xFFC2E2DB)
YUV	215.6340, 1.6594, -18.9730
Hunter-Lab	84.2476, -15.5757, 4.4564

Details

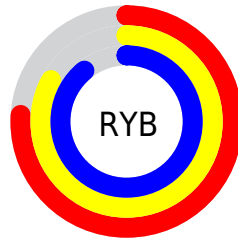
The Yxy color **70.9765, 0.2954, 0.3369** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.9653, 0.3334, 0.3213**, and the grayscale version is **68.4070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **37.3816, 0.2913, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **67.9580, 0.2839, 0.3431**, and if you desaturate by 10%, it is **74.4633, 0.3075, 0.3312**.

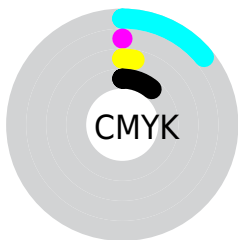
Distribution



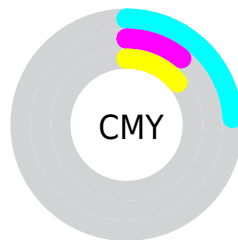
- Red (76%)
- Green (89%)
- Blue (86%)



- Red (76%)
- Yellow (83%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)




- Cyan (24%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9765, 0.2954, 0.3369 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 70.9765, 0.2954, 0.3369 by changing the saturation by 10% instead.

 70.9765, 0.2954,
0.3369

 70.9765, 0.2954,
0.3369


463.9713, 0.3034,
0.3332

 52.3230, 0.2936,
0.3377


 120.6003, 0.2982,
0.3356

 37.2626, 0.2913,
0.3388


152.3393, 0.2993,
0.3351

 25.4109, 0.2884,
0.3401


189.2091, 0.3002,
0.3347

 16.3834, 0.2845,
0.3418

231.5938, 0.3010,
0.3343

 9.7959, 0.2793,
0.3442

279.8780, 0.3017,
0.3340

 5.2638, 0.2717,
0.3476

334.4461, 0.3024,

 2.4029, 0.2596,

0.3337

0.3531

395.6824, 0.3029,
0.3335

0.8274, 0.2226,
0.3701

0.0000, 0.0000,
0.0000

70.9765, 0.2954,
0.3369

70.9765, 0.2954,
0.3369

67.9580, 0.2839,
0.3431

74.4633, 0.3075,
0.3312

65.3783, 0.2734,
0.3499


78.4289, 0.3201,
0.3261


63.2184, 0.2642,
0.3571


81.5824, 0.3279,
0.3213

61.4542, 0.2564,
0.3647


81.8686, 0.3247,
0.3165

 60.0593, 0.2505,
0.3725

 82.1626, 0.3214,
0.3118

 59.0037, 0.2464,
0.3806


 82.4646, 0.3182,
0.3070

 58.2530, 0.2444,
0.3886

 82.7745, 0.3150,
0.3024

 57.7652, 0.2443,
0.3966

 82.8742, 0.3140,
0.3009

 57.5626, 0.2448,
0.4012

Harmonies

Analogous

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



70.9765, 0.3085, 0.3482



70.9765, 0.2954, 0.3369



70.9765, 0.2870, 0.3236

Triad

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



70.9765, 0.2954, 0.3369



70.9765, 0.3021, 0.3053



70.9765, 0.3408, 0.3450

Complementary

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



70.9765, 0.2954, 0.3369



58.9653, 0.3334, 0.3213

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.



70.9765, 0.3391, 0.3334



70.9765, 0.2954, 0.3369



70.9765, 0.3165, 0.3109

Square

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



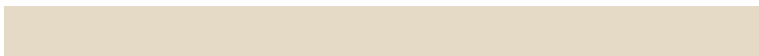
70.9765, 0.2954, 0.3369



70.9765, 0.2908, 0.3057



70.9765, 0.3301, 0.3211



70.9765, 0.3348, 0.3526

Rectangle

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



70.9765, 0.2954, 0.3369



70.9765, 0.2851, 0.3156



70.9765, 0.3301, 0.3211



70.9765, 0.3412, 0.3414

Sweetspot

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



70.9795, 0.2954, 0.3369



97.9745, 0.3077, 0.3311



70.7708, 0.3162, 0.3659



20.8915, 0.3068, 0.3315



0.0000, 0.0000, 0.0000



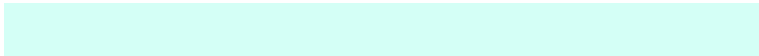
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9795, 0.2954, 0.3369



92.0927, 0.2919, 0.3387



66.8266, 0.2909, 0.3192



15.5186, 0.3011, 0.3341



32.8569, 0.2444, 0.4000



2.2903, 0.2410, 0.3877

Inverse Universe

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



58.9653, 0.3334, 0.3213



73.3968, 0.3385, 0.3196



62.5542, 0.3375, 0.3386



13.7491, 0.3258, 0.3239



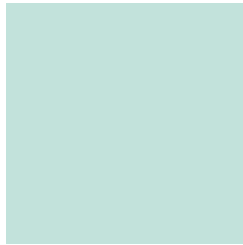
9.3659, 0.6019, 0.3089



0.6625, 0.5588, 0.2852

Previews

White Background



This preview shows how the Yxy color 70.9765, 0.2954, 0.3369 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 70.9765, 0.2954, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

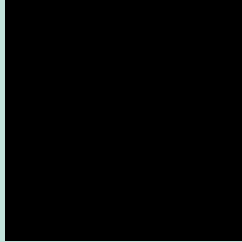
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

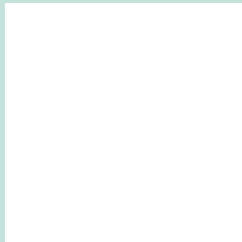
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9765, 0.2954, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 70.9765, 0.2954, 0.3369.



This preview shows how white text looks on a background with the Yxy color 70.9765, 0.2954, 0.3369.

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



Original Color

70.9765, 0.2954, 0.3369

Protanopia

70.8451, 0.3198, 0.3334

Deuteranopia

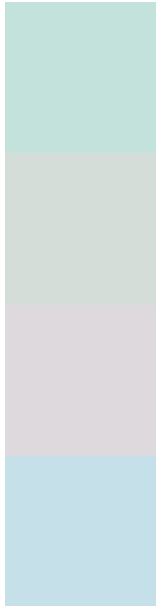
70.5380, 0.3251, 0.3185



Tritanopia

71.0724, 0.2854, 0.3101

Trichromacy



Original Color

70.9765, 0.2954, 0.3369

Protanomaly

70.8169, 0.3103, 0.3345

Deuteranomaly

70.3758, 0.3136, 0.3247

Tritanomaly

71.0078, 0.2895, 0.3200

Monochromacy



Original Color

70.9765, 0.2954, 0.3369

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.6060, 0.3062, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9765, 0.2954, 0.3369 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(194, 226, 219)` looks like.

```
.text, #text, p{  
    color:rgb(194, 226, 219)  
}
```

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(194, 226, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 226, 219) }
```

Border

The CSS property to change the border of an element to Yxy 70.9765, 0.2954, 0.3369 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(194, 226, 219) }
```

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

```
.border{ border-color:rgb(194, 226, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 226, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 226, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 226, 219);  
box-shadow:4px 4px 4px 4px rgb(194, 226,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9765, 0.2954, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 226, 219) }
```

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

```
.background{ background-color: rgb(194,  
226, 219) }
```

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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