

Converting Colors

$Yxy(69.3054, 0.2968, 0.3338)$

Have a look what the booklet for
Yxy(69.3054, 0.2968, 0.3338)
contains.

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Color

Yxy(69.5731, 0.2973, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	C4DFDA
RGB	196, 223, 218
RGB Percent	77%, 87%, 85%
CMY	0.2315, 0.1254, 0.1451
CMYK	0.12, 0.00, 0.02, 0.13
HSL	169°, 30%, 82%
HSV	169°, 12%, 87%
XYZ	61.7989, 69.5731, 76.4951
YIQ	214.3570, -14.4870, -7.2790

Conversions

Conversions Part 2

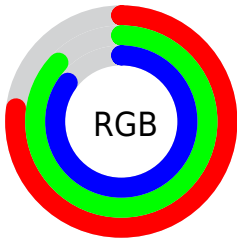
Format	Color
R _Y B	196, 211, 223
Decimal	12902362
CIE Lab	86.79, -9.89, -0.58
CIE LCh	87, 9.902, 183.338
Yxy	69.5731, 0.2973, 0.3347
Android (android.graphics.Color)	4291092442 (0xFFC4DFDA)
YUV	214.3570, 1.7960, -16.0991
Hunter-Lab	83.4105, -13.7176, 4.0130

Details

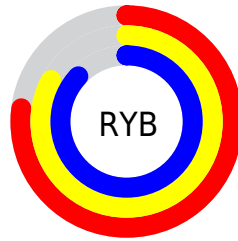
The Yxy color **69.5731, 0.2973, 0.3347** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3696, 0.3307, 0.3234**, and the grayscale version is **67.4902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **36.4004, 0.2937, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **66.5909, 0.2853, 0.3399**, and if you desaturate by 10%, it is **73.0110, 0.3100, 0.3300**.

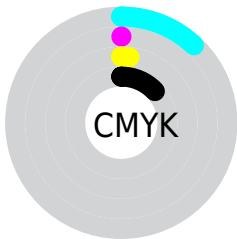
Distribution



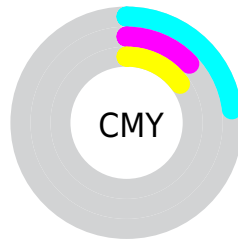
- Red (77%)
- Green (87%)
- Blue (85%)



- Red (77%)
- Yellow (83%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5731, 0.2973, 0.3347 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 69.5731, 0.2973, 0.3347 by changing the saturation by 10% instead.

■ 69.5731, 0.2973,
0.3347

■ 69.5731, 0.2973,
0.3347

459.0497, 0.3045,
0.3321

■ 51.1786, 0.2956,
0.3353

118.5998, 0.2998,
0.3338

■ 36.3508, 0.2936,
0.3361

150.0007, 0.3008,
0.3334

■ 24.7052, 0.2910,
0.3370

186.5059, 0.3016,
0.3331

■ 15.8576, 0.2875,
0.3382

228.4998, 0.3023,
0.3329

■ 9.4234, 0.2828,
0.3400

276.3667, 0.3030,
0.3326

■ 5.0184, 0.2759,
0.3424

330.4910, 0.3035,

■ 2.2580, 0.2648,

0.3324

0.3464

391.2572, 0.3040,
0.3322

0.7514, 0.2270,
0.3608

0.0000, 0.0000,
0.0000

69.5731, 0.2973,
0.3347

69.5731, 0.2973,
0.3347

66.5909, 0.2853,
0.3399

73.0110, 0.3100,
0.3300

64.0362, 0.2742,
0.3455

76.9142, 0.3230,
0.3257


61.8907, 0.2644,
0.3516

79.7803, 0.3305,
0.3217


60.1317, 0.2560,
0.3579

80.0164, 0.3277,
0.3176

 58.7340, 0.2495,
0.3645


 80.2579, 0.3249,
0.3136


 57.6696, 0.2448,
0.3712

 80.5051, 0.3222,
0.3095


 56.9062, 0.2421,
0.3780

 80.7580, 0.3194,
0.3056

 56.4051, 0.2413,
0.3847

 81.0165, 0.3167,
0.3016

 56.1449, 0.2417,
0.3899

 81.2638, 0.3142,
0.2980

Harmonies

Analogous

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



69.5731, 0.3081, 0.3444



69.5731, 0.2973, 0.3347



69.5731, 0.2906, 0.3236

Triad

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



69.5731, 0.2973, 0.3347



69.5731, 0.3048, 0.3092



69.5731, 0.3362, 0.3433

Complementary

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



69.5731, 0.2973, 0.3347



59.3696, 0.3307, 0.3234

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.



69.5731, 0.3353, 0.3337



69.5731, 0.2973, 0.3347



69.5731, 0.3170, 0.3143

Square

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



69.5731, 0.2973, 0.3347



69.5731, 0.2949, 0.3091



69.5731, 0.3282, 0.3232



69.5731, 0.3306, 0.3492

Rectangle

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



69.5731, 0.2973, 0.3347



69.5731, 0.2894, 0.3170



69.5731, 0.3282, 0.3232



69.5731, 0.3366, 0.3404

Sweetspot

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



69.5760, 0.2973, 0.3347



97.9951, 0.3075, 0.3308



69.2368, 0.3151, 0.3603



20.8967, 0.3065, 0.3312



0.0000, 0.0000, 0.0000



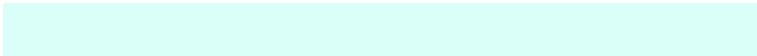
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5760, 0.2973, 0.3347



93.0044, 0.2936, 0.3362



65.6090, 0.2940, 0.3196



15.5264, 0.3006, 0.3334



33.0227, 0.2414, 0.3889



2.3004, 0.2385, 0.3786

Inverse Universe

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



59.3696, 0.3307, 0.3234



76.1307, 0.3359, 0.3219



62.8972, 0.3334, 0.3382



13.7419, 0.3263, 0.3247



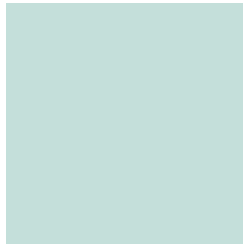
9.3323, 0.6104, 0.3136



0.6591, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 69.5731, 0.2973, 0.3347 looks on a white background.

Color Contrast Check

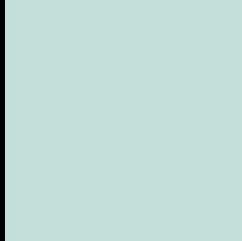
Large Text (above 18pt) WCAG AA × Fail

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 69.5731, 0.2973, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

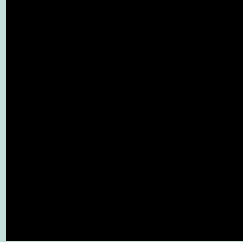
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

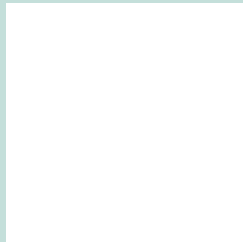
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5731, 0.2973, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 69.5731, 0.2973, 0.3347.

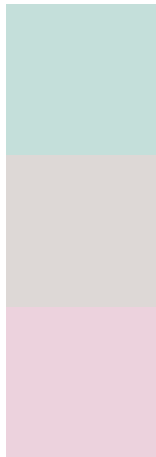


This preview shows how white text looks on a background with the Yxy color 69.5731, 0.2973, 0.3347.

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

69.5731, 0.2973, 0.3347

Protanopia

69.3389, 0.3177, 0.3312

Deuteranopia

69.1465, 0.3245, 0.3174



Tritanopia

69.5016, 0.2870, 0.3089

Trichromacy



Original Color

69.5731, 0.2973, 0.3347

Protanomaly

69.5664, 0.3104, 0.3335

Deuteranomaly

69.1403, 0.3137, 0.3235

Tritanomaly

69.4882, 0.2906, 0.3177

Monochromacy



Original Color

69.5731, 0.2973, 0.3347

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.7974, 0.3069, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5731, 0.2973, 0.3347 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(196, 223, 218)` looks like.

```
.text, #text, p{  
    color:rgb(196, 223, 218)  
}
```

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(196, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 223, 218) }
```

Border

The CSS property to change the border of an element to Yxy 69.5731, 0.2973, 0.3347 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(196, 223, 218) }
```

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

```
.border{ border-color:rgb(196, 223, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 223, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 223, 218);  
box-shadow:4px 4px 4px 4px rgb(196, 223,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5731, 0.2973, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 223, 218) }
```

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

```
.background{ background-color: rgb(196,  
223, 218) }
```

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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