

Converting Colors

$Yxy(70.8507, 0.3049, 0.3352)$

Have a look what the booklet for
Yxy(70.8507, 0.3049, 0.3352)
contains.

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Color

Yxy(70.9069, 0.3047, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	CEDFD9
RGB	206, 223, 217
RGB Percent	81%, 87%, 85%
CMY	0.1923, 0.1254, 0.1489
CMYK	0.08, 0.00, 0.03, 0.13
HSL	159°, 21%, 84%
HSV	159°, 8%, 87%
XYZ	64.3590, 70.9069, 75.9551
YIQ	217.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

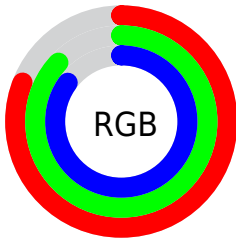
Format	Color
R_{YB}	206, 216, 223
Decimal	13557721
CIE Lab	87.44, -6.80, 0.97
CIE LCh	87, 6.866, 171.895
Yxy	70.9069, 0.3047, 0.3357
Android (android.graphics.Color)	4291747801 (0xFFCEDFD9)
YUV	217.2330, -0.1149, -9.8513
Hunter-Lab	84.2062, -10.9329, 5.4640

Details

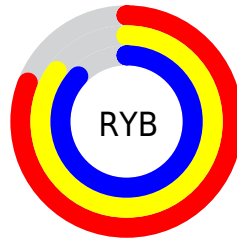
The Yxy color **70.9069, 0.3047, 0.3357** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5637, 0.3215, 0.3224**, and the grayscale version is **69.5593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2893, 0.3033, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **67.5440, 0.2945, 0.3453**, and if you desaturate by 10%, it is **74.7480, 0.3152, 0.3271**.

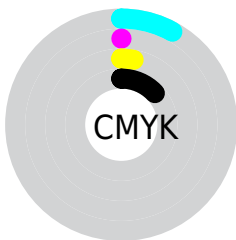
Distribution



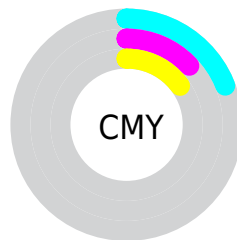
- Red (81%)
- Green (87%)
- Blue (85%)



- Red (81%)
- Yellow (85%)
- Blue (87%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9069, 0.3047, 0.3357 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 70.9069, 0.3047, 0.3357 by changing the saturation by 10% instead.

■ 70.9069, 0.3047,
0.3357

■ 70.9069, 0.3047,
0.3357

463.7279, 0.3084,
0.3326

■ 52.2662, 0.3038,
0.3364

120.5012, 0.3060,
0.3346

■ 37.2173, 0.3028,
0.3373

152.2235, 0.3065,
0.3342

■ 25.3758, 0.3014,
0.3385

189.0752, 0.3069,
0.3338

■ 16.3573, 0.2996,
0.3400

231.4407, 0.3073,
0.3335

■ 9.7773, 0.2972,
0.3420

279.7043, 0.3077,
0.3332

■ 5.2516, 0.2936,
0.3451

334.2504, 0.3079,

■ 2.3956, 0.2878,

0.3330

0.3500

395.4635, 0.3082,
0.3328

0.8236, 0.2718,
0.3629

0.0000, 0.0000,
0.0000

70.9069, 0.3047,
0.3357

70.9069, 0.3047,
0.3357

67.5440, 0.2945,
0.3453

74.7480, 0.3152,
0.3271

64.6310, 0.2849,
0.3559

79.0764, 0.3258,
0.3193

62.1504, 0.2762,
0.3674

80.3654, 0.3237,
0.3118

60.0799, 0.2687,
0.3797

80.8425, 0.3185,
0.3042

■ 58.3953, 0.2627,
0.3926

■ 81.2631, 0.3142,
0.2980

■ 57.0698, 0.2585,
0.4061

■ 56.0728, 0.2563,
0.4197

■ 55.3687, 0.2561,
0.4333

■ 54.9087, 0.2578,
0.4467

Harmonies

Analogous

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



70.9069, 0.3128, 0.3414



70.9069, 0.3047, 0.3357



70.9069, 0.2988, 0.3282

Triad

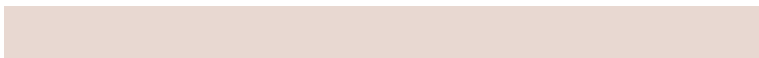
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9069, 0.3047, 0.3357



70.9069, 0.3044, 0.3148



70.9069, 0.3292, 0.3366

Complementary

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



70.9069, 0.3047, 0.3357



64.5637, 0.3215, 0.3224

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.



70.9069, 0.3269, 0.3296



70.9069, 0.3047, 0.3357



70.9069, 0.3125, 0.3171

Square

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



70.9069, 0.3047, 0.3357



70.9069, 0.2986, 0.3162



70.9069, 0.3207, 0.3224



70.9069, 0.3270, 0.3418

Rectangle

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



70.9069, 0.3047, 0.3357



70.9069, 0.2968, 0.3233



70.9069, 0.3207, 0.3224



70.9069, 0.3289, 0.3344

Sweetspot

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



70.9099, 0.3047, 0.3357



98.9307, 0.3106, 0.3307



71.2659, 0.3162, 0.3481



21.1864, 0.3107, 0.3306



0.0000, 0.0000, 0.0000



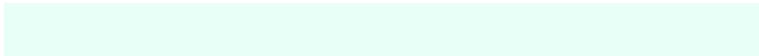
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9099, 0.3047, 0.3357



95.3958, 0.3032, 0.3370



70.0202, 0.3009, 0.3264



15.4863, 0.3028, 0.3374



32.2494, 0.2577, 0.4478



2.2521, 0.2520, 0.4272

Inverse Universe

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



64.5637, 0.3215, 0.3224



85.2992, 0.3232, 0.3211



65.3697, 0.3256, 0.3316



13.7797, 0.3237, 0.3208



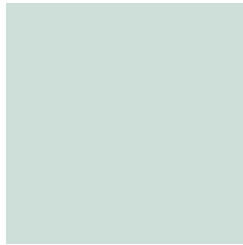
9.5699, 0.5564, 0.2839



0.6799, 0.5134, 0.2602

Previews

White Background



This preview shows how the Yxy color 70.9069, 0.3047, 0.3357 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 70.9069, 0.3047, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

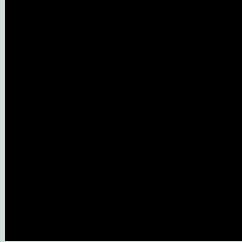
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

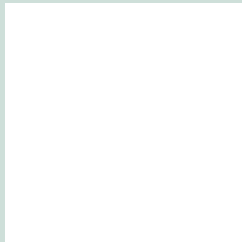
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9069, 0.3047, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 70.9069, 0.3047, 0.3357.

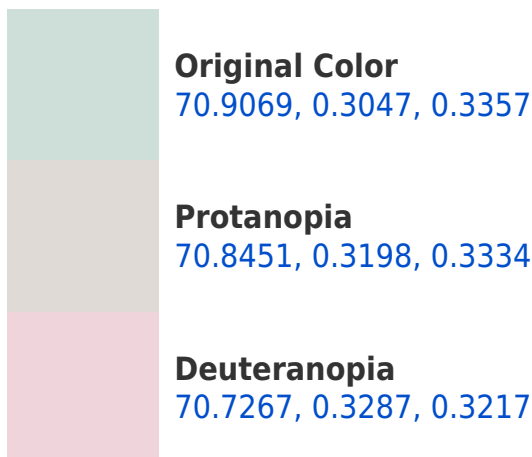


This preview shows how white text looks on a background with the Yxy color 70.9069, 0.3047, 0.3357.

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

70.8561, 0.2943, 0.3104

Trichromacy



Original Color

70.9069, 0.3047, 0.3357

Protanomaly

70.8444, 0.3139, 0.3345

Deuteranomaly

70.6677, 0.3201, 0.3269

Tritanomaly

70.8360, 0.2979, 0.3190

Monochromacy



Original Color

70.9069, 0.3047, 0.3357

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.8189, 0.3098, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9069, 0.3047, 0.3357 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(206, 223, 217)` looks like.

```
.text, #text, p{  
    color:rgb(206, 223, 217)  
}
```

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(206, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 223, 217) }
```

Border

The CSS property to change the border of an element to Yxy 70.9069, 0.3047, 0.3357 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(206, 223, 217) }
```

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

```
.border{ border-color:rgb(206, 223, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 223, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(206, 223,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9069, 0.3047, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 223, 217) }
```

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

```
.background{ background-color: rgb(206,  
223, 217) }
```

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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