

Converting Colors

$Yxy(71.1594, 0.3085, 0.3399)$

Have a look what the booklet for
Yxy(71.1594, 0.3085, 0.3399)
contains.

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Color

Yxy(70.9893, 0.3087, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	D0DFD5
RGB	208, 223, 213
RGB Percent	82%, 87%, 84%
CMY	0.1842, 0.1255, 0.1647
CMYK	0.07, 0.00, 0.04, 0.13
HSL	140°, 19%, 85%
HSV	140°, 7%, 87%
XYZ	64.4162, 70.9893, 73.2638
YIQ	217.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

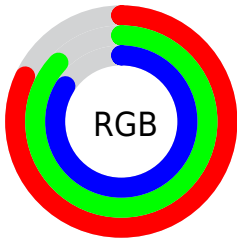
Format	Color
R_{YB}	208, 219, 223
Decimal	13688789
CIE Lab	87.48, -6.84, 3.16
CIE LCh	87, 7.534, 155.223
Yxy	70.9893, 0.3087, 0.3402
Android (android.graphics.Color)	4291878869 (0xFFD0DFD5)
YUV	217.3750, -2.1569, -8.2219
Hunter-Lab	84.2551, -10.9766, 7.4232

Details

The Yxy color **70.9893, 0.3087, 0.3402** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8744, 0.3170, 0.3181**, and the grayscale version is **69.6812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3439, 0.3084, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **67.2623, 0.3028, 0.3587**, and if you desaturate by 10%, it is **75.2461, 0.3147, 0.3239**.

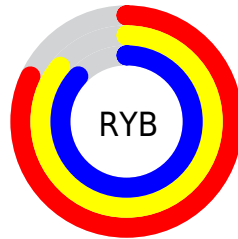
Distribution



Red (82%)

Green (87%)

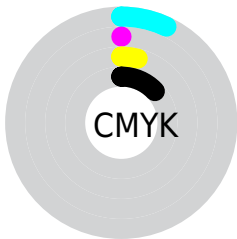
Blue (84%)



Red (82%)

Yellow (86%)

Blue (87%)

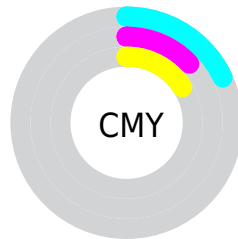


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (13%)



Cyan (18%)

Magenta (13%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9893, 0.3087, 0.3402 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 70.9893, 0.3087, 0.3402 by changing the saturation by 10% instead.

■ 70.9893, 0.3087,
0.3402

■ 70.9893, 0.3087,
0.3402

464.0160, 0.3106,
0.3350

■ 52.3335, 0.3083,
0.3414

120.6185, 0.3094,
0.3384

■ 37.2709, 0.3077,
0.3429

152.3606, 0.3096,
0.3377

■ 25.4173, 0.3070,
0.3449

189.2337, 0.3098,
0.3370

■ 16.3883, 0.3061,
0.3474

231.6220, 0.3100,
0.3365

■ 9.7993, 0.3048,
0.3510

279.9100, 0.3102,
0.3361

■ 5.2661, 0.3029,
0.3562

334.4821, 0.3103,

■ 2.4042, 0.2997,

0.3356

0.3648

395.7226, 0.3105,
0.3353

0.8281, 0.2912,
0.3889

0.0000, 0.0000,
0.0000

70.9893, 0.3087,
0.3402

70.9893, 0.3087,
0.3402

67.2623, 0.3028,
0.3587

75.2461, 0.3147,
0.3239

64.0354, 0.2970,
0.3793

80.0431, 0.3205,
0.3095

61.2894, 0.2918,
0.4019

81.2541, 0.3142,
0.2980

59.0005, 0.2873,
0.4263

■ 57.1430, 0.2839,
0.4518

■ 55.6881, 0.2819,
0.4778

■ 54.6039, 0.2815,
0.5032

■ 53.8528, 0.2830,
0.5267

■ 53.3878, 0.2860,
0.5473

Harmonies

Analogous

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



70.9893, 0.3179, 0.3445



70.9893, 0.3087, 0.3402



70.9893, 0.3006, 0.3328

Triad

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



70.9893, 0.3087, 0.3402



70.9893, 0.2996, 0.3138



70.9893, 0.3299, 0.3332

Complementary

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



70.9893, 0.3087, 0.3402



65.8744, 0.3170, 0.3181

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.



70.9893, 0.3249, 0.3251



70.9893, 0.3087, 0.3402



70.9893, 0.3073, 0.3141

Square

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



70.9893, 0.3087, 0.3402



70.9893, 0.2954, 0.3175



70.9893, 0.3166, 0.3182



70.9893, 0.3303, 0.3402

Rectangle

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



70.9893, 0.3087, 0.3402



70.9893, 0.2970, 0.3272



70.9893, 0.3166, 0.3182



70.9893, 0.3287, 0.3305

Sweetspot

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



70.9923, 0.3087, 0.3402



98.8283, 0.3115, 0.3323



72.2744, 0.3192, 0.3455



21.1656, 0.3116, 0.3321



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.



70.9923, 0.3087, 0.3402



95.4885, 0.3079, 0.3426



71.3684, 0.3041, 0.3320



15.4122, 0.3071, 0.3450



31.3425, 0.2863, 0.5508



2.1887, 0.2776, 0.5193

Inverse Universe

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



65.8744, 0.3170, 0.3181



87.2381, 0.3179, 0.3158



65.5034, 0.3221, 0.3260



13.8540, 0.3188, 0.3135



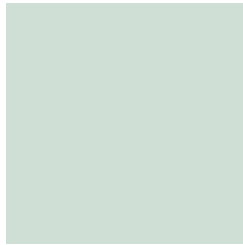
10.5173, 0.4268, 0.2125



0.7454, 0.4063, 0.2012

Previews

White Background



This preview shows how the Yxy color 70.9893, 0.3087, 0.3402 looks on a white background.

Color Contrast Check

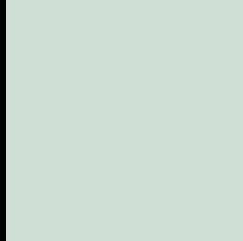
Large Text (above 18pt) WCAG AA × Fail

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 70.9893, 0.3087, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

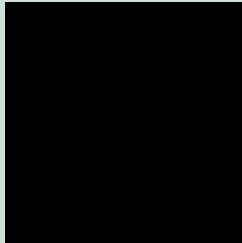
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

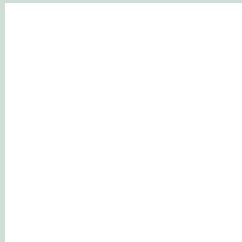
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9893, 0.3087, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 70.9893, 0.3087, 0.3402.

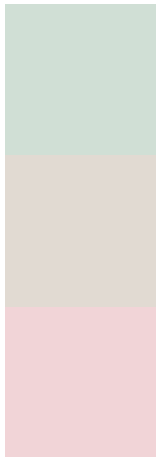


This preview shows how white text looks on a background with the Yxy color 70.9893, 0.3087, 0.3402.

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

70.9893, 0.3087, 0.3402

Protanopia

70.8035, 0.3232, 0.3378

Deuteranopia

70.6940, 0.3323, 0.3259



Tritanopia

70.7745, 0.2963, 0.3094

Trichromacy



Original Color

70.9893, 0.3087, 0.3402

Protanomaly

70.9496, 0.3180, 0.3389

Deuteranomaly

70.6248, 0.3236, 0.3312

Tritanomaly

70.6367, 0.3012, 0.3202

Monochromacy



Original Color

70.9893, 0.3087, 0.3402

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.9170, 0.3111, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9893, 0.3087, 0.3402 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(208, 223, 213) looks like.

```
.text, #text, p{  
    color:rgb(208, 223, 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(208, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 223, 213) }
```

Border

The CSS property to change the border of an element to Yxy 70.9893, 0.3087, 0.3402 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(208, 223, 213) }
```

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

```
.border{ border-color:rgb(208, 223, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(208, 223,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9893, 0.3087, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 223, 213) }
```

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

```
.background{ background-color: rgb(208,  
223, 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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