

Converting Colors

$Yxy(70.1108, 0.3082, 0.3401)$

Have a look what the booklet for
Yxy(70.1108, 0.3082, 0.3401)
contains.

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Color

Yxy(70.1178, 0.3080, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	CEDED4
RGB	206, 222, 212
RGB Percent	81%, 87%, 83%
CMY	0.1920, 0.1294, 0.1687
CMYK	0.07, 0.00, 0.05, 0.13
HSL	142°, 19%, 84%
HSV	142°, 7%, 87%
XYZ	63.4625, 70.1178, 72.4667
YIQ	216.0760, -6.3260, -6.5020

Conversions

Conversions Part 2

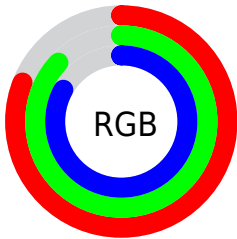
Format	Color
R _Y B	206, 218, 222
Decimal	13557460
CIE Lab	87.05, -7.19, 3.06
CIE LCh	87, 7.811, 156.920
Yxy	70.1178, 0.3080, 0.3403
Android (android.graphics.Color)	4291747540 (0xFFCEDED4)
YUV	216.0760, -2.0095, -8.8367
Hunter-Lab	83.7364, -11.2563, 7.3050

Details

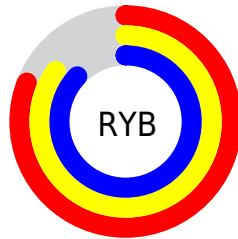
The Yxy color **70.1178, 0.3080, 0.3403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6456, 0.3177, 0.3180**, and the grayscale version is **68.7449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7472, 0.3074, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **66.4917, 0.3015, 0.3577**, and if you desaturate by 10%, it is **74.2592, 0.3146, 0.3249**.

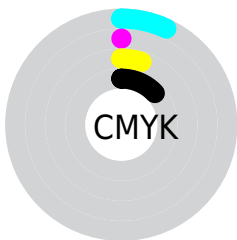
Distribution



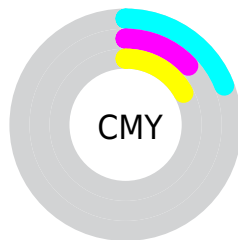
- Red (81%)
- Green (87%)
- Blue (83%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1178, 0.3080, 0.3403 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 70.1178, 0.3080, 0.3403 by changing the saturation by 10% instead.

■ 70.1178, 0.3080,
0.3403

■ 70.1178, 0.3080,
0.3403

460.9635, 0.3102,
0.3350

■ 51.6226, 0.3075,
0.3415

119.3767, 0.3088,
0.3384

■ 36.7043, 0.3068,
0.3431

150.9092, 0.3091,
0.3377

■ 24.9786, 0.3060,
0.3450

187.5563, 0.3093,
0.3371

■ 16.0611, 0.3049,
0.3477

229.7023, 0.3096,
0.3366

■ 9.5674, 0.3034,
0.3513

277.7316, 0.3098,
0.3361

■ 5.1131, 0.3011,
0.3567

332.0286, 0.3099,

■ 2.3138, 0.2974,

0.3357

392.9778, 0.3101,
0.3353

0.3654

0.7810, 0.2857,
0.3936

0.0000, 0.0000,
0.0000

70.1178, 0.3080,
0.3403

70.1178, 0.3080,
0.3403

66.4917, 0.3015,
0.3577

74.2592, 0.3146,
0.3249

63.3517, 0.2953,
0.3771

78.9260, 0.3210,
0.3113

60.6792, 0.2896,
0.3983

80.6412, 0.3150,
0.2982

58.4510, 0.2848,
0.4212

80.7222, 0.3142,
0.2970

■ 56.6416, 0.2811,
0.4453

■ 55.2232, 0.2789,
0.4699

■ 54.1642, 0.2785,
0.4940

■ 53.4278, 0.2800,
0.5168

■ 52.9661, 0.2831,
0.5373

Harmonies

Analogous

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



70.1178, 0.3176, 0.3450



70.1178, 0.3080, 0.3403



70.1178, 0.2997, 0.3325

Triad

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



70.1178, 0.3080, 0.3403



70.1178, 0.2995, 0.3131



70.1178, 0.3308, 0.3338

Complementary

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



70.1178, 0.3080, 0.3403



64.6456, 0.3177, 0.3180

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.



70.1178, 0.3258, 0.3254



70.1178, 0.3080, 0.3403



70.1178, 0.3076, 0.3136

Square

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



70.1178, 0.3080, 0.3403



70.1178, 0.2949, 0.3167



70.1178, 0.3173, 0.3181



70.1178, 0.3309, 0.3410

Rectangle

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



70.1178, 0.3080, 0.3403



70.1178, 0.2961, 0.3266



70.1178, 0.3173, 0.3181



70.1178, 0.3297, 0.3310

Sweetspot

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



70.1208, 0.3080, 0.3403



98.8413, 0.3114, 0.3321



71.3205, 0.3191, 0.3468



21.1682, 0.3115, 0.3319



0.0000, 0.0000, 0.0000



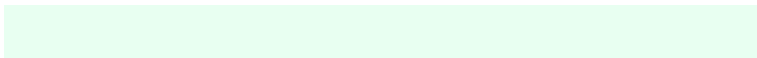
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1208, 0.3080, 0.3403



95.0119, 0.3068, 0.3434



70.5284, 0.3030, 0.3314



15.4214, 0.3065, 0.3441



31.4202, 0.2833, 0.5398



2.1948, 0.2746, 0.5084

Inverse Universe

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



64.6456, 0.3177, 0.3180



85.6821, 0.3192, 0.3150



64.2474, 0.3234, 0.3267



13.8444, 0.3195, 0.3144



10.3567, 0.4426, 0.2212



0.7350, 0.4189, 0.2081

Previews

White Background



This preview shows how the Yxy color 70.1178, 0.3080, 0.3403 looks on a white background.

Color Contrast Check

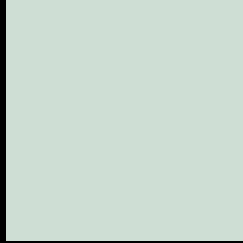
Large Text (above 18pt) WCAG AA × Fail

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 70.1178, 0.3080, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

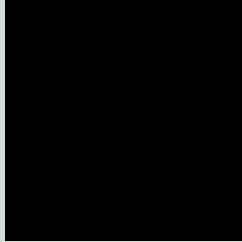
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

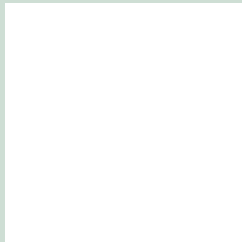
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1178, 0.3080, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 70.1178, 0.3080, 0.3403.

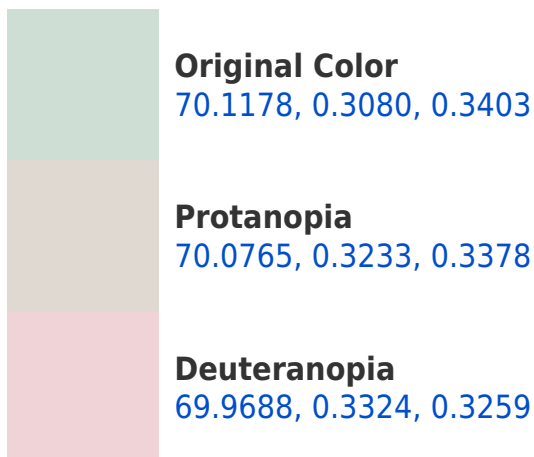


This preview shows how white text looks on a background with the Yxy color 70.1178, 0.3080, 0.3403.

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

69.9006, 0.2955, 0.3093

Trichromacy



Original Color

70.1178, 0.3080, 0.3403

Protanomaly

70.0679, 0.3173, 0.3390

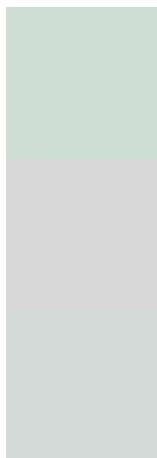
Deuteranomaly

69.8990, 0.3237, 0.3312

Tritanomaly

69.7644, 0.3005, 0.3201

Monochromacy



Original Color

70.1178, 0.3080, 0.3403

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.0462, 0.3104, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1178, 0.3080, 0.3403 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, 222, 212)` looks like.

```
.text, #text, p{  
    color:rgb(206, 222, 212)  
}
```

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, 222, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 222, 212) }
```

Border

The CSS property to change the border of an element to Yxy 70.1178, 0.3080, 0.3403 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, 222, 212) }
```

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

```
.border{ border-color:rgb(206, 222, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 222, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(206, 222,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1178, 0.3080, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 222, 212) }
```

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

```
.background{ background-color: rgb(206,  
222, 212) }
```

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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