

Converting Colors

$Yxy(70.7085, 0.3204, 0.3677)$

Have a look what the booklet for
Yxy(70.7085, 0.3204, 0.3677)
contains.

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Color

Yxy(70.5912, 0.3207, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	CDE1BF
RGB	205, 225, 191
RGB Percent	80%, 88%, 75%
CMY	0.1962, 0.1176, 0.2509
CMYK	0.09, 0.00, 0.15, 0.12
HSL	95°, 36%, 82%
HSV	95°, 15%, 88%
XYZ	61.5012, 70.5912, 59.6794
YIQ	215.1440, -1.0060, -14.8140

Conversions

Conversions Part 2

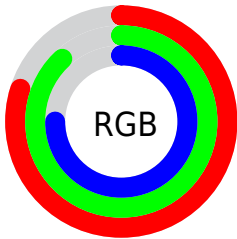
Format	Color
RYB	191, 225, 211
Decimal	13492671
CIELab	87.29, -12.73, 14.40
CIELCh	87, 19.224, 131.476
Yxy	70.5912, 0.3207, 0.3681
Android (android.graphics.Color)	4291682751 (0xFFCDE1BF)
YUV	215.1440, -11.9030, -8.8963
Hunter-Lab	84.0186, -16.3713, 16.6986

Details

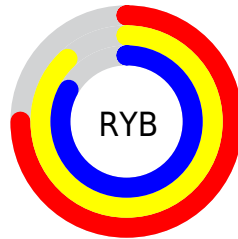
The Yxy color **70.5912, 0.3207, 0.3681** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.5593, 0.3035, 0.2905**, and the grayscale version is **68.1397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **37.1637, 0.3223, 0.3775** is the 20% darker color. If you saturate the color by 10%, you get **67.8720, 0.3257, 0.3968**, and if you desaturate by 10%, it is **73.6285, 0.3154, 0.3416**.

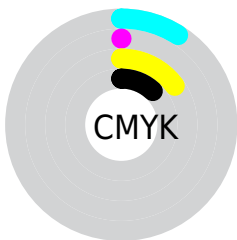
Distribution



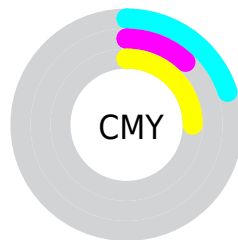
- Red (80%)
- Green (88%)
- Blue (75%)



- Red (75%)
- Yellow (88%)
- Blue (83%)



- Cyan (9%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)




- Cyan (20%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.5912, 0.3207, 0.3681 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 70.5912, 0.3207, 0.3681 by changing the saturation by 10% instead.


 70.5912, 0.3207,
0.3681

 70.5912, 0.3207,
0.3681


462.6231, 0.3172,
0.3495

 52.0087, 0.3215,
0.3725


 120.0515, 0.3195,
0.3615

 37.0120, 0.3223,
0.3780


151.6980, 0.3191,
0.3590

 25.2168, 0.3234,
0.3850


188.4679, 0.3186,
0.3569

 16.2386, 0.3248,
0.3944

230.7457, 0.3183,
0.3550

 9.6932, 0.3264,
0.4075

278.9157, 0.3180,
0.3534

 5.1960, 0.3284,
0.4271

333.3624, 0.3177,

 2.3627, 0.3304,

0.3519

394.4700, 0.3174,
0.3506

0.4594

0.8066, 0.3611,
0.6389

0.0000, 0.0000,
0.0000

70.5912, 0.3207,
0.3681

70.5912, 0.3207,
0.3681

67.8720, 0.3257,
0.3968

73.6285, 0.3154,
0.3416

65.4509, 0.3302,
0.4272

76.9852, 0.3101,
0.3176

63.3194, 0.3337,
0.4585

80.4455, 0.3071,
0.2993

61.4652, 0.3360,
0.4893

82.3368, 0.3141,
0.2999

■ 59.8747, 0.3366,
0.5180

■ 58.5331, 0.3353,
0.5428

■ 57.4239, 0.3321,
0.5624

■ 56.5272, 0.3272,
0.5757

■ 56.1529, 0.3245,
0.5806

Harmonies

Analogous

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



70.5912, 0.3424, 0.3697



70.5912, 0.3207, 0.3681



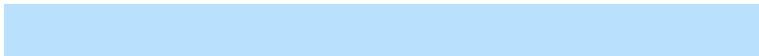
70.5912, 0.2974, 0.3547

Triad

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



70.5912, 0.3207, 0.3681



70.5912, 0.2706, 0.2967



70.5912, 0.3476, 0.3229

Complementary

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



70.5912, 0.3207, 0.3681



56.5593, 0.3035, 0.2905

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.



70.5912, 0.3272, 0.3052



70.5912, 0.3207, 0.3681



70.5912, 0.2829, 0.2901

Square

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



70.5912, 0.3207, 0.3681



70.5912, 0.2691, 0.3124



70.5912, 0.3034, 0.2933



70.5912, 0.3585, 0.3428

Rectangle

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



70.5912, 0.3207, 0.3681



70.5912, 0.2841, 0.3412



70.5912, 0.3034, 0.2933



70.5912, 0.3416, 0.3166

Sweetspot

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



70.5943, 0.3207, 0.3681



97.8085, 0.3154, 0.3414



66.2829, 0.3376, 0.3512



20.8710, 0.3158, 0.3432



0.0000, 0.0000, 0.0000



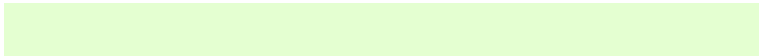
21.4041, 0.3127, 0.3290

Same Dimension

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



70.5943, 0.3207, 0.3681



92.6141, 0.3222, 0.3765



68.8226, 0.3090, 0.3658



15.6107, 0.3177, 0.3528



32.4186, 0.3256, 0.5797



2.2985, 0.3377, 0.5700

Inverse Universe

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



56.5593, 0.3035, 0.2905



70.7287, 0.3014, 0.2823



58.5592, 0.3166, 0.2947



13.6404, 0.3073, 0.3054



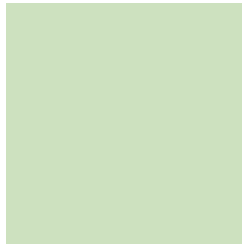
6.0574, 0.2211, 0.0992



0.4719, 0.2362, 0.1075

Previews

White Background



This preview shows how the Yxy color 70.5912, 0.3207, 0.3681 looks on a white background.

Color Contrast Check

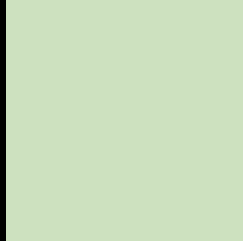
Large Text (above 18pt) WCAG AA × Fail

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 70.5912, 0.3207, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

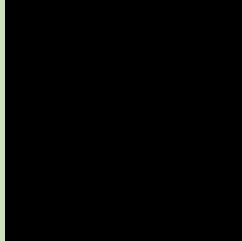
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

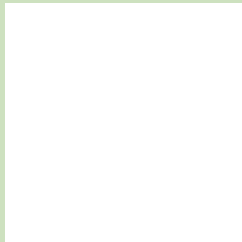
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5912, 0.3207, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 70.5912, 0.3207, 0.3681.

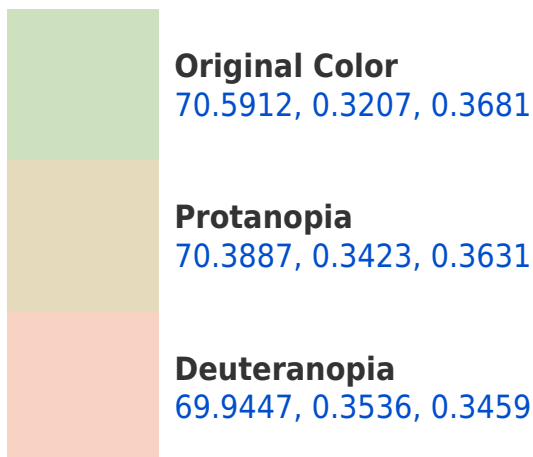


This preview shows how white text looks on a background with the Yxy color 70.5912, 0.3207, 0.3681.

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

70.7162, 0.2969, 0.3105

Trichromacy



Original Color

70.5912, 0.3207, 0.3681

Protanomaly

70.5594, 0.3343, 0.3660

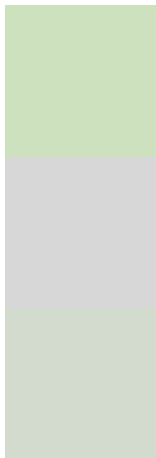
Deuteranomaly

69.6069, 0.3409, 0.3531

Tritanomaly

70.4355, 0.3049, 0.3301

Monochromacy



Original Color

70.5912, 0.3207, 0.3681

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.9682, 0.3156, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5912, 0.3207, 0.3681 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(205, 225, 191)` looks like.

```
.text, #text, p{  
    color:rgb(205, 225, 191)  
}
```

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(205, 225, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 225, 191) }
```

Border

The CSS property to change the border of an element to Yxy 70.5912, 0.3207, 0.3681 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(205, 225, 191) }
```

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

```
.border{ border-color:rgb(205, 225, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 225, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 225, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 225, 191);  
box-shadow:4px 4px 4px 4px rgb(205, 225,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5912, 0.3207, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 225, 191) }
```

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

```
.background{ background-color: rgb(205,  
225, 191) }
```

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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