

Converting Colors

$Yxy(70.8332, 0.3076, 0.3527)$

Have a look what the booklet for
Yxy(70.8332, 0.3076, 0.3527)
contains.

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Color

Yxy(70.9426, 0.3075, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	C7E2CD
RGB	199, 226, 205
RGB Percent	78%, 89%, 80%
CMY	0.2194, 0.1138, 0.1961
CMYK	0.12, 0.00, 0.09, 0.11
HSL	133°, 32%, 83%
HSV	133°, 12%, 89%
XYZ	61.7809, 70.9426, 68.1901
YIQ	215.5330, -9.3510, -12.2550

Conversions

Conversions Part 2

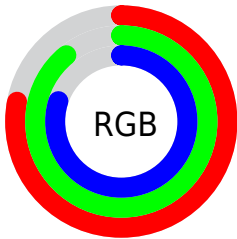
Format	Color
R _{YB}	199, 221, 226
Decimal	13099725
CIE Lab	87.46, -12.82, 7.26
CIE LCh	87, 14.729, 150.465
Yxy	70.9426, 0.3075, 0.3531
Android (android.graphics.Color)	4291289805 (0xFFC7E2CD)
YUV	215.5330, -5.1928, -14.4994
Hunter-Lab	84.2274, -16.4680, 10.9583

Details

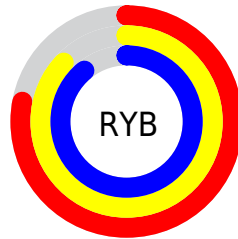
The Yxy color **70.9426, 0.3075, 0.3531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2147, 0.3184, 0.3060**, and the grayscale version is **68.3844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3799, 0.3060, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **67.2754, 0.3031, 0.3762**, and if you desaturate by 10%, it is **75.1708, 0.3119, 0.3326**.

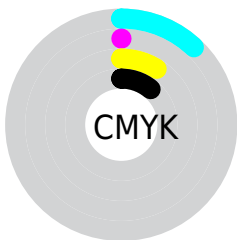
Distribution



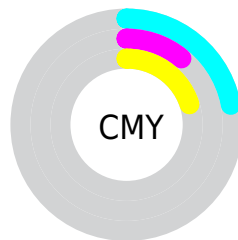
- Red (78%)
- Green (89%)
- Blue (80%)



- Red (78%)
- Yellow (87%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9426, 0.3075, 0.3531 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 70.9426, 0.3075, 0.3531 by changing the saturation by 10% instead.

■ 70.9426, 0.3075,
0.3531

■ 70.9426, 0.3075,
0.3531

463.8528, 0.3100,
0.3417

■ 52.2954, 0.3069,
0.3558

120.5520, 0.3084,
0.3491

■ 37.2406, 0.3061,
0.3591

152.2829, 0.3087,
0.3475

■ 25.3938, 0.3051,
0.3634

189.1439, 0.3090,
0.3462

■ 16.3707, 0.3038,
0.3691

231.5192, 0.3093,
0.3451

■ 9.7868, 0.3019,
0.3771

279.7934, 0.3095,
0.3441

■ 5.2579, 0.2990,
0.3890

334.3508, 0.3097,

■ 2.3993, 0.2939,

0.3432

0.4088

395.5758, 0.3099,
0.3424

0.8255, 0.2794,
0.4889

0.0000, 0.0000,
0.0000

70.9426, 0.3075,
0.3531

70.9426, 0.3075,
0.3531

67.2754, 0.3031,
0.3762

75.1708, 0.3119,
0.3326

64.1369, 0.2990,
0.4018

79.9728, 0.3162,
0.3147

61.5049, 0.2952,
0.4296

82.8670, 0.3140,
0.3009

59.3526, 0.2922,
0.4588

■ 57.6504, 0.2902,
0.4885

■ 56.3652, 0.2894,
0.5172

■ 55.4595, 0.2900,
0.5431

■ 54.8886, 0.2919,
0.5646

■ 54.6153, 0.2940,
0.5783

Harmonies

Analogous

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



70.9426, 0.3255, 0.3602



70.9426, 0.3075, 0.3531



70.9426, 0.2913, 0.3389

Triad

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



70.9426, 0.3075, 0.3531



70.9426, 0.2854, 0.3001



70.9426, 0.3456, 0.3343

Complementary

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



70.9426, 0.3075, 0.3531



62.2147, 0.3184, 0.3060

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.



70.9426, 0.3343, 0.3190



70.9426, 0.3075, 0.3531



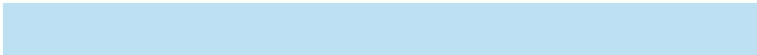
70.9426, 0.2994, 0.2996

Square

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



70.9426, 0.3075, 0.3531



70.9426, 0.2788, 0.3081



70.9426, 0.3172, 0.3066



70.9426, 0.3478, 0.3486

Rectangle

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



70.9426, 0.3075, 0.3531



70.9426, 0.2835, 0.3278



70.9426, 0.3172, 0.3066



70.9426, 0.3427, 0.3291

Sweetspot

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



70.9456, 0.3075, 0.3531



97.6148, 0.3110, 0.3367



73.7536, 0.3262, 0.3587



20.8005, 0.3106, 0.3382



0.0000, 0.0000, 0.0000



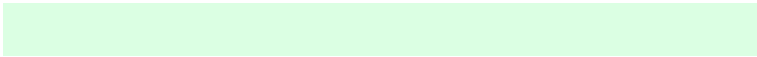
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9456, 0.3075, 0.3531



92.1816, 0.3065, 0.3579



71.6190, 0.2992, 0.3376



15.3864, 0.3086, 0.3478



31.1759, 0.2933, 0.5759



2.1743, 0.2853, 0.5470

Inverse Universe

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



62.2147, 0.3184, 0.3060



78.8037, 0.3195, 0.3017



61.5342, 0.3283, 0.3206



13.8813, 0.3171, 0.3109



11.0363, 0.3856, 0.1898



0.7779, 0.3736, 0.1832

Previews

White Background



This preview shows how the Yxy color 70.9426, 0.3075, 0.3531 looks on a white background.

Color Contrast Check

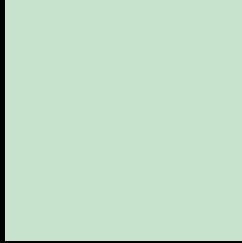
Large Text (above 18pt) WCAG AA × Fail

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 70.9426, 0.3075, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

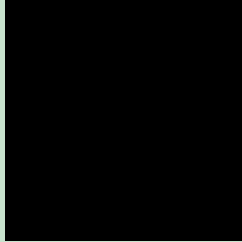
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

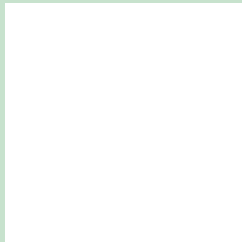
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9426, 0.3075, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 70.9426, 0.3075, 0.3531.

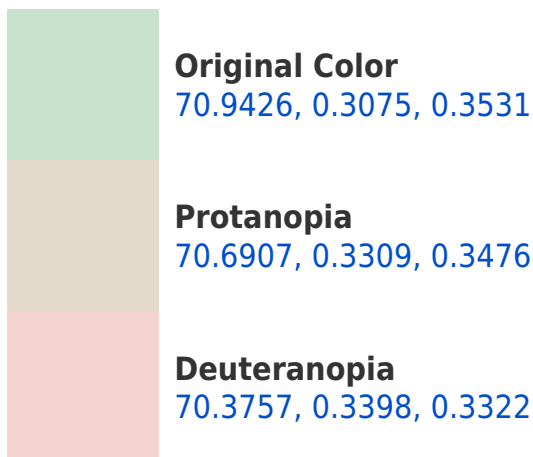


This preview shows how white text looks on a background with the Yxy color 70.9426, 0.3075, 0.3531.

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

70.9240, 0.2904, 0.3092

Trichromacy



Original Color

70.9426, 0.3075, 0.3531

Protanomaly

70.7289, 0.3225, 0.3502

Deuteranomaly

70.1107, 0.3277, 0.3388

Tritanomaly

71.0179, 0.2965, 0.3245

Monochromacy



Original Color

70.9426, 0.3075, 0.3531

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.6415, 0.3109, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9426, 0.3075, 0.3531 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(199, 226, 205)` looks like.

```
.text, #text, p{  
    color:rgb(199, 226, 205)  
}
```

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(199, 226, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 226, 205) }
```

Border

The CSS property to change the border of an element to Yxy 70.9426, 0.3075, 0.3531 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(199, 226, 205) }
```

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

```
.border{ border-color:rgb(199, 226, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 226, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 226, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 226, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 226,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9426, 0.3075, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 226, 205) }
```

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

```
.background{ background-color: rgb(199,  
226, 205) }
```

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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