

Converting Colors

$Yxy(70.3728, 0.3023, 0.3428)$

Have a look what the booklet for
Yxy(70.3728, 0.3023, 0.3428)
contains.

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Color

Yxy(70.0705, 0.3024, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	C6E0D4
RGB	198, 224, 212
RGB Percent	78%, 88%, 83%
CMY	0.2235, 0.1216, 0.1686
CMYK	0.12, 0.00, 0.05, 0.12
HSL	152°, 30%, 83%
HSV	152°, 12%, 88%
XYZ	61.8305, 70.0705, 72.5650
YIQ	214.8580, -11.6440, -9.2440

Conversions

Conversions Part 2

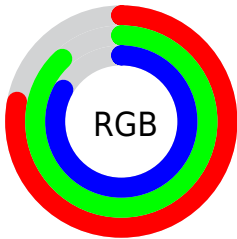
Format	Color
RYB	198, 215, 224
Decimal	13033684
CIELab	87.03, -10.86, 2.94
CIElCh	87, 11.256, 164.842
Yxy	70.0705, 0.3024, 0.3427
Android (android.graphics.Color)	4291223764 (0xFFC6E0D4)
YUV	214.8580, -1.4090, -14.7845
Hunter-Lab	83.7081, -14.6412, 7.1983

Details

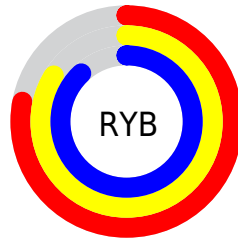
The Yxy color **70.0705, 0.3024, 0.3427** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8909, 0.3244, 0.3157**, and the grayscale version is **67.8724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7395, 0.3002, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **66.7464, 0.2938, 0.3560**, and if you desaturate by 10%, it is **73.8840, 0.3113, 0.3308**.

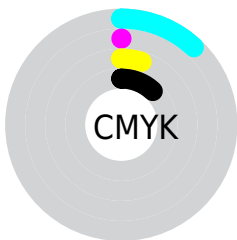
Distribution



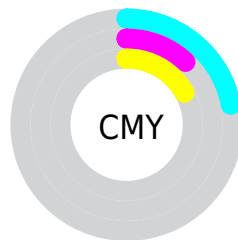
- Red (78%)
- Green (88%)
- Blue (83%)



- Red (78%)
- Yellow (84%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (22%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.0705, 0.3024, 0.3427 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 70.0705, 0.3024, 0.3427 by changing the saturation by 10% instead.

■ 70.0705, 0.3024,
0.3427

■ 70.0705, 0.3024,
0.3427

460.7975, 0.3072,
0.3363

■ 51.5840, 0.3013,
0.3442

119.3093, 0.3041,
0.3404

■ 36.6736, 0.2999,
0.3461

150.8304, 0.3047,
0.3396

■ 24.9549, 0.2981,
0.3485

187.4651, 0.3053,
0.3388

■ 16.0434, 0.2957,
0.3517

229.5979, 0.3058,
0.3382

■ 9.5549, 0.2924,
0.3561

277.6132, 0.3062,
0.3376

■ 5.1049, 0.2876,
0.3627

331.8952, 0.3066,

■ 2.3089, 0.2797,

0.3371

392.8286, 0.3069,
0.3367

0.3735

0.7784, 0.2505,
0.4108

0.0000, 0.0000,
0.0000

70.0705, 0.3024,
0.3427

70.0705, 0.3024,
0.3427

66.7464, 0.2938,
0.3560

73.8840, 0.3113,
0.3308

63.8826, 0.2858,
0.3706

78.1970, 0.3202,
0.3202

61.4602, 0.2787,
0.3864

81.0433, 0.3220,
0.3104

59.4556, 0.2728,
0.4033

81.6848, 0.3152,
0.3005

■ 57.8430, 0.2684,
0.4211

■ 81.7925, 0.3141,
0.2989

■ 56.5934, 0.2659,
0.4392

■ 55.6739, 0.2653,
0.4574

■ 55.0450, 0.2668,
0.4751

■ 54.6868, 0.2693,
0.4893

Harmonies

Analogous

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



70.0705, 0.3160, 0.3510



70.0705, 0.3024, 0.3427



70.0705, 0.2917, 0.3306

Triad

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



70.0705, 0.3024, 0.3427



70.0705, 0.2963, 0.3058



70.0705, 0.3397, 0.3388

Complementary

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



70.0705, 0.3024, 0.3427



60.8909, 0.3244, 0.3157

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.



70.0705, 0.3341, 0.3269



70.0705, 0.3024, 0.3427



70.0705, 0.3089, 0.3082

Square

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



70.0705, 0.3024, 0.3427



70.0705, 0.2882, 0.3093



70.0705, 0.3228, 0.3159



70.0705, 0.3377, 0.3484

Rectangle

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



70.0705, 0.3024, 0.3427



70.0705, 0.2875, 0.3222



70.0705, 0.3228, 0.3159



70.0705, 0.3386, 0.3349

Sweetspot

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



70.0735, 0.3024, 0.3427



98.3528, 0.3100, 0.3324



71.1118, 0.3199, 0.3584



20.9595, 0.3093, 0.3333



0.0000, 0.0000, 0.0000



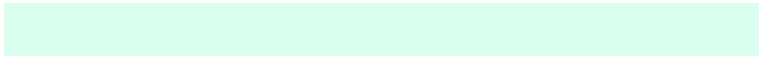
21.4041, 0.3127, 0.3290

Same Dimension

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



70.0735, 0.3024, 0.3427



92.8317, 0.3002, 0.3459



70.2363, 0.2950, 0.3280



15.4602, 0.3043, 0.3400



31.8545, 0.2686, 0.4868



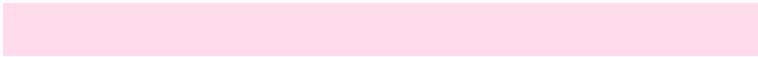
2.2260, 0.2612, 0.4603

Inverse Universe

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



60.8909, 0.3244, 0.3157



78.1217, 0.3273, 0.3127



60.7131, 0.3334, 0.3300



13.8051, 0.3220, 0.3182



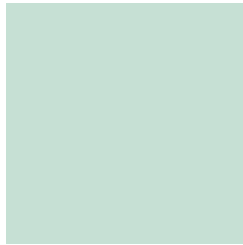
9.8199, 0.5117, 0.2592



0.6986, 0.4747, 0.2389

Previews

White Background



This preview shows how the Yxy color 70.0705, 0.3024, 0.3427 looks on a white background.

Color Contrast Check

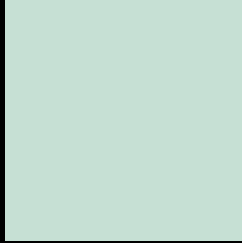
Large Text (above 18pt) WCAG AA × Fail

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 70.0705, 0.3024, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

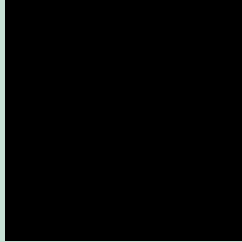
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

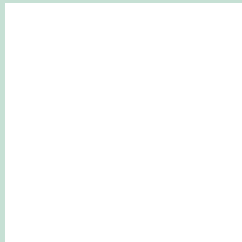
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0705, 0.3024, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 70.0705, 0.3024, 0.3427.

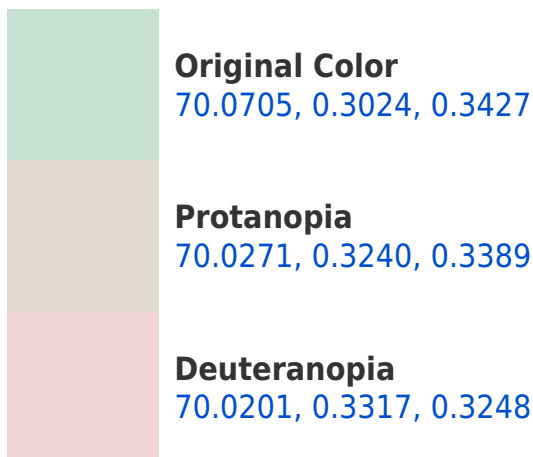


This preview shows how white text looks on a background with the Yxy color 70.0705, 0.3024, 0.3427.

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

69.9160, 0.2890, 0.3090

Trichromacy



Original Color

70.0705, 0.3024, 0.3427

Protanomaly

70.2369, 0.3164, 0.3413

Deuteranomaly

69.9743, 0.3207, 0.3312

Tritanomaly

69.7876, 0.2938, 0.3200

Monochromacy



Original Color

70.0705, 0.3024, 0.3427

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.5532, 0.3089, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0705, 0.3024, 0.3427 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(198, 224, 212)` looks like.

```
.text, #text, p{  
    color:rgb(198, 224, 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(198, 224, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 224, 212) }
```

Border

The CSS property to change the border of an element to Yxy 70.0705, 0.3024, 0.3427 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(198, 224, 212) }
```

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

```
.border{ border-color:rgb(198, 224, 212) }
```

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

Here you see how a box with a 4 pixel rgb(198, 224, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 224, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 224, 212);  
box-shadow:4px 4px 4px 4px rgb(198, 224,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0705, 0.3024, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 224, 212) }
```

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

```
.background{ background-color: rgb(198,  
224, 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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