

Converting Colors

$Yxy(70.4713, 0.3070, 0.3461)$

Have a look what the booklet for
Yxy(70.4713, 0.3070, 0.3461)
contains.

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Color

Yxy(70.4713, 0.3070, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	CAE0D1
RGB	202, 224, 209
RGB Percent	79%, 88%, 82%
CMY	0.2081, 0.1215, 0.1804
CMYK	0.10, 0.00, 0.07, 0.12
HSL	139°, 26%, 84%
HSV	139°, 10%, 88%
XYZ	62.5099, 70.4713, 70.6342
YIQ	215.7120, -8.2970, -9.3290

Conversions

Conversions Part 2

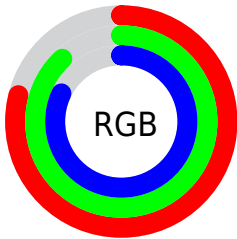
Format	Color
R _Y B	202, 219, 224
Decimal	13295825
CIE Lab	87.23, -10.13, 4.84
CIE LCh	87, 11.228, 154.437
Yxy	70.4713, 0.3070, 0.3461
Android (android.graphics.Color)	4291485905 (0xFFCAE0D1)
YUV	215.7120, -3.3090, -12.0254
Hunter-Lab	83.9472, -13.9904, 8.8757

Details

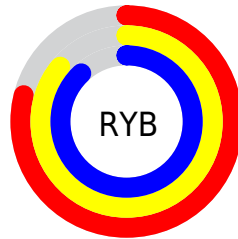
The Yxy color **70.4713, 0.3070, 0.3461** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0710, 0.3189, 0.3125**, and the grayscale version is **68.4860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0384, 0.3054, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **66.8552, 0.3013, 0.3656**, and if you desaturate by 10%, it is **74.6190, 0.3128, 0.3288**.

Distribution



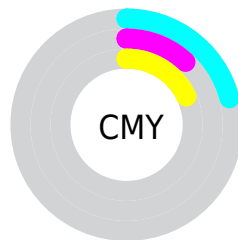
- Red (79%)
- Green (88%)
- Blue (82%)



- Red (79%)
- Yellow (86%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4713, 0.3070, 0.3461 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 70.4713, 0.3070, 0.3461 by changing the saturation by 10% instead.

■ 70.4713, 0.3070,
0.3461

■ 70.4713, 0.3070,
0.3461

462.2031, 0.3097,
0.3380

■ 51.9109, 0.3064,
0.3480

119.8806, 0.3080,
0.3433

■ 36.9340, 0.3056,
0.3503

151.4983, 0.3083,
0.3422

■ 25.1564, 0.3045,
0.3533

188.2371, 0.3086,
0.3412

■ 16.1936, 0.3032,
0.3573

230.4816, 0.3089,
0.3404

■ 9.6613, 0.3013,
0.3629

278.6160, 0.3092,
0.3397

■ 5.1750, 0.2984,
0.3712

333.0248, 0.3094,

■ 2.3503, 0.2936,

0.3391

394.0924, 0.3095,
0.3385

0.3849

0.8001, 0.2780,
0.4335

0.0000, 0.0000,
0.0000

70.4713, 0.3070,
0.3461

70.4713, 0.3070,
0.3461

66.8552, 0.3013,
0.3656

74.6190, 0.3128,
0.3288

63.7404, 0.2958,
0.3873

79.3097, 0.3185,
0.3135

61.1068, 0.2909,
0.4110

81.7828, 0.3143,
0.2992

58.9296, 0.2868,
0.4363

81.8021, 0.3141,
0.2990

■ 57.1818, 0.2839,
0.4626

■ 55.8333, 0.2825,
0.4889

■ 54.8501, 0.2828,
0.5141

■ 54.1919, 0.2847,
0.5369

■ 53.7912, 0.2879,
0.5565

Harmonies

Analogous

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



70.4713, 0.3208, 0.3524



70.4713, 0.3070, 0.3461



70.4713, 0.2949, 0.3350

Triad

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



70.4713, 0.3070, 0.3461



70.4713, 0.2929, 0.3064



70.4713, 0.3384, 0.3347

Complementary

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



70.4713, 0.3070, 0.3461



63.0710, 0.3189, 0.3125

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.



70.4713, 0.3307, 0.3229



70.4713, 0.3070, 0.3461



70.4713, 0.3043, 0.3068

Square

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



70.4713, 0.3070, 0.3461



70.4713, 0.2870, 0.3120



70.4713, 0.3181, 0.3128



70.4713, 0.3391, 0.3454

Rectangle

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



70.4713, 0.3070, 0.3461



70.4713, 0.2894, 0.3265



70.4713, 0.3181, 0.3128



70.4713, 0.3366, 0.3308

Sweetspot

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



70.4743, 0.3070, 0.3461



98.2474, 0.3110, 0.3340



72.3396, 0.3223, 0.3536



20.9311, 0.3105, 0.3354



0.0000, 0.0000, 0.0000



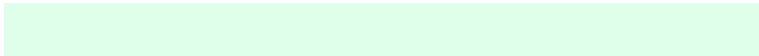
21.4041, 0.3127, 0.3290

Same Dimension

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



70.4743, 0.3070, 0.3461



93.3831, 0.3057, 0.3503



71.0362, 0.3001, 0.3335



15.4092, 0.3072, 0.3453



31.3198, 0.2872, 0.5540



2.1869, 0.2785, 0.5227

Inverse Universe

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



63.0710, 0.3189, 0.3125



81.3916, 0.3205, 0.3086



62.5194, 0.3270, 0.3245



13.8571, 0.3186, 0.3132



10.5712, 0.4218, 0.2097



0.7488, 0.4024, 0.1991

Previews

White Background



This preview shows how the Yxy color 70.4713, 0.3070, 0.3461 looks on a white background.

Color Contrast Check

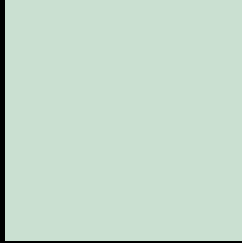
Large Text (above 18pt) WCAG AA × Fail

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 70.4713, 0.3070, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

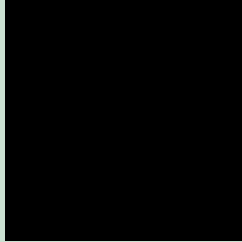
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

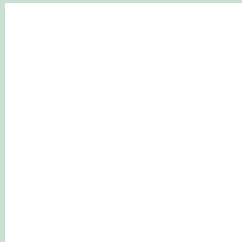
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4713, 0.3070, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 70.4713, 0.3070, 0.3461.

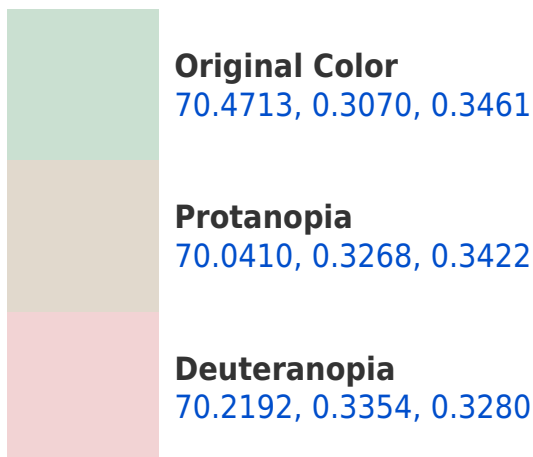


This preview shows how white text looks on a background with the Yxy color 70.4713, 0.3070, 0.3461.

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

70.5662, 0.2929, 0.3103

Trichromacy



Original Color

70.4713, 0.3070, 0.3461

Protanomaly

70.3943, 0.3199, 0.3446

Deuteranomaly

70.1458, 0.3242, 0.3345

Tritanomaly

70.2381, 0.2978, 0.3223

Monochromacy



Original Color

70.4713, 0.3070, 0.3461

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.3160, 0.3110, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4713, 0.3070, 0.3461 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(202, 224, 209)` looks like.

```
.text, #text, p{  
    color:rgb(202, 224, 209)  
}
```

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(202, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 224, 209) }
```

Border

The CSS property to change the border of an element to Yxy 70.4713, 0.3070, 0.3461 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(202, 224, 209) }
```

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

```
.border{ border-color:rgb(202, 224, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 224, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(202, 224,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4713, 0.3070, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 224, 209) }
```

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

```
.background{ background-color: rgb(202,  
224, 209) }
```

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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