

Converting Colors

$Y_{xy}(70.0061, 0.3485, 0.3260)$

Have a look what the booklet for
Yxy(70.0061, 0.3485, 0.3260)
contains.

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Color

Yxy(70.0061, 0.3485, 0.3260)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFCED1 |
| RGB | 255, 206, 209 |
| RGB Percent | 100%, 81%, 82% |
| CMY | 0.0000, 0.1922, 0.1803 |
| CMYK | 0.00, 0.19, 0.18, 0.00 |
| HSL | 356°, 100%, 90% |
| HSV | 356°, 19%, 100% |
| XYZ | 74.8378, 70.0061, 69.8987 |
| YIQ | 220.9930, 28.2410, 11.3210 |

Conversions

Conversions Part 2

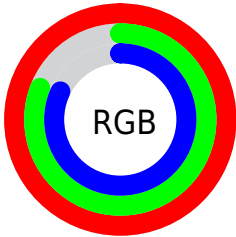
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 206, 209 |
| Decimal | 16764625 |
| CIE Lab | 87.00, 17.74, 5.06 |
| CIE LCh | 87, 18.446, 15.906 |
| Yxy | 70.0061, 0.3485, 0.3260 |
| Android (android.graphics.Color) | 4294954705 (0xFFFFCED1) |
| YUV | 220.9930, -5.9125, 29.8241 |
| Hunter-Lab | 83.6696, 13.2364, 9.0371 |

Details

The Yxy color **70.0061, 0.3485, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.6652, 0.2854, 0.3321**, and the grayscale version is **72.3206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8288, 0.3570, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **57.6038, 0.3740, 0.3244**, and if you desaturate by 10%, it is **84.5611, 0.3280, 0.3276**.

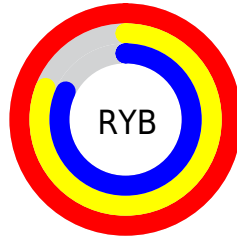
Distribution



Red (100%)

Green (81%)

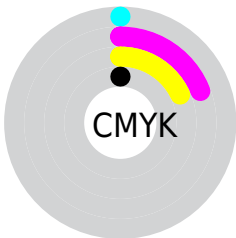
Blue (82%)



Red (100%)

Yellow (81%)

Blue (82%)

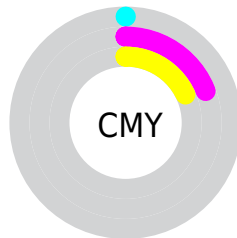


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0061, 0.3485, 0.3260 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 70.0061, 0.3485, 0.3260 by changing the saturation by 10% instead.


 70.0061, 0.3485,
0.3260

 70.0061, 0.3485,
0.3260


460.5714, 0.3317,
0.3276

 51.5315, 0.3524,
0.3256


119.2175, 0.3426,
0.3266

 36.6318, 0.3572,
0.3250


150.7230, 0.3404,
0.3268

 24.9225, 0.3634,
0.3243


187.3410, 0.3384,
0.3270

 16.0193, 0.3715,
0.3233

229.4558, 0.3367,
0.3272

 9.5378, 0.3828,
0.3218

277.4519, 0.3352,
0.3273

 5.0936, 0.3993,
0.3194

331.7136, 0.3339,

 2.3023, 0.4258,

0.3274

0.3149

392.6253, 0.3328,
0.3275

0.7749, 0.4897,
0.3126

0.0000, 1.0000,
0.0000

70.0061, 0.3485,
0.3260

70.0061, 0.3485,
0.3260

57.6038, 0.3740,
0.3244

84.5611, 0.3280,
0.3276

47.2757, 0.4056,
0.3228

100.0000, 0.3127,
0.3290

38.9009, 0.4436,
0.3214

32.3565, 0.4874,
0.3206

■ 27.5055, 0.5343,
0.3207

■ 24.1918, 0.5788,
0.3220

■ 22.2302, 0.6138,
0.3245

■ 21.3455, 0.6344,
0.3273

■ 21.2968, 0.6355,
0.3274

Harmonies

Analogous

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



70.0061, 0.3299, 0.3083



70.0061, 0.3485, 0.3260



70.0061, 0.3572, 0.3450

Triad

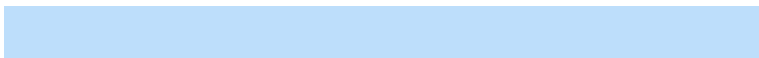
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0061, 0.3485, 0.3260



70.0061, 0.3171, 0.3653



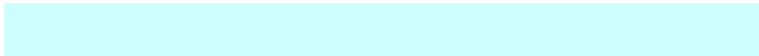
70.0061, 0.2732, 0.2964

Complementary

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



70.0061, 0.3485, 0.3260



91.6652, 0.2854, 0.3321

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.



70.0061, 0.2702, 0.3104



70.0061, 0.3485, 0.3260



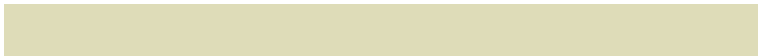
70.0061, 0.2949, 0.3511

Square

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



70.0061, 0.3485, 0.3260



70.0061, 0.3386, 0.3687



70.0061, 0.2780, 0.3305



70.0061, 0.2865, 0.2914

Rectangle

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



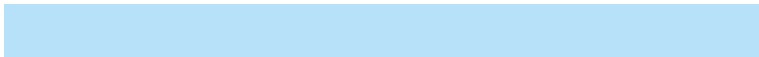
70.0061, 0.3485, 0.3260



70.0061, 0.3561, 0.3562



70.0061, 0.2780, 0.3305



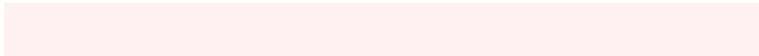
70.0061, 0.2710, 0.3001

Sweetspot

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



69.9977, 0.3485, 0.3260



89.7335, 0.3223, 0.3281



71.9989, 0.3126, 0.2808



18.9782, 0.3234, 0.3280



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

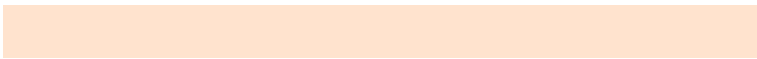
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9977, 0.3485, 0.3260



65.0672, 0.3575, 0.3254



80.7753, 0.3468, 0.3505



18.0053, 0.3285, 0.3276



11.1350, 0.6338, 0.3265



1.0903, 0.6194, 0.3186

Inverse Universe

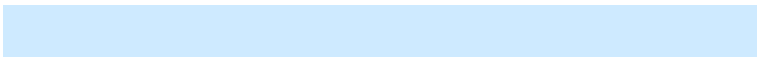
The Inverse Universe completely reimagines the original color for something new.



69.9977, 0.3485, 0.3260



65.0672, 0.3575, 0.3254



79.0473, 0.2825, 0.3065



18.0053, 0.3285, 0.3276



11.1350, 0.6338, 0.3265



1.0903, 0.6194, 0.3186

Previews

White Background



This preview shows how the Yxy color 70.0061, 0.3485, 0.3260 looks on a white background.

Color Contrast Check

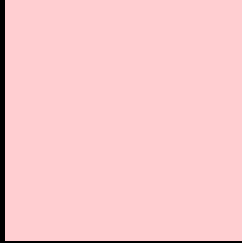
Large Text (above 18pt) WCAG AA × Fail

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 70.0061, 0.3485, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

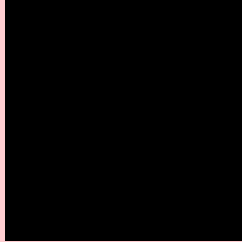
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.0061, 0.3485, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 70.0061, 0.3485, 0.3260.

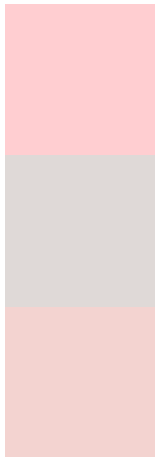


This preview shows how white text looks on a background with the Yxy color 70.0061, 0.3485, 0.3260.

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



Original Color

70.0061, 0.3485, 0.3260

Protanopia

70.2200, 0.3184, 0.3312

Deuteranopia

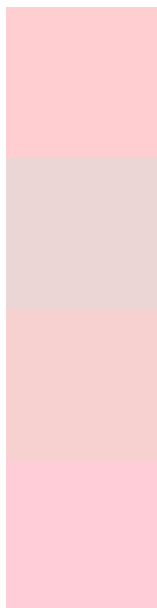
70.1973, 0.3391, 0.3322



Tritanopia

70.0900, 0.3403, 0.3139

Trichromacy



Original Color

70.0061, 0.3485, 0.3260

Protanomaly

70.0548, 0.3291, 0.3290

Deuteranomaly

69.9292, 0.3425, 0.3301

Tritanomaly

69.8805, 0.3433, 0.3179

Monochromacy



Original Color

70.0061, 0.3485, 0.3260

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.4451, 0.3245, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0061, 0.3485, 0.3260 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(255, 206, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 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(255, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 209) }
```

Border

The CSS property to change the border of an element to Yxy 70.0061, 0.3485, 0.3260 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(255, 206, 209) }
```

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

```
.border{ border-color:rgb(255, 206, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0061, 0.3485, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 209) }
```

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

```
.background{ background-color: rgb(255,  
206, 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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