

Converting Colors

$Yxy(83.0996, 0.4080, 0.3509)$

Have a look what the booklet for
Yxy(83.0996, 0.4080, 0.3509)
contains.

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Color

Yxy(70.8560, 0.3659, 0.3549)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFD2B9 |
| RGB | 255, 210, 185 |
| RGB Percent | 100%, 82%, 73% |
| CMY | 0.0000, 0.1765, 0.2744 |
| CMYK | 0.00, 0.18, 0.27, 0.00 |
| HSL | 21°, 100%, 86% |
| HSV | 21°, 27%, 100% |
| XYZ | 73.0522, 70.8560, 55.7424 |
| YIQ | 220.6050, 34.8450, 1.7650 |

Conversions

Conversions Part 2

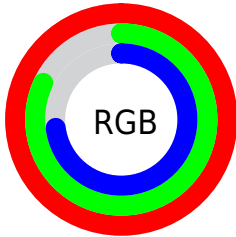
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 224, 185 |
| Decimal | 16765625 |
| CIE Lab | 87.41, 12.25, 18.31 |
| CIE LCh | 87, 22.027, 56.215 |
| Yxy | 70.8560, 0.3659, 0.3549 |
| Android (android.graphics.Color) | 4294955705 (0xFFFFD2B9) |
| YUV | 220.6050, -17.5533, 30.1644 |
| Hunter-Lab | 84.1760, 7.6032, 19.6606 |

Details

The Yxy color **70.8560, 0.3659, 0.3549** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1528, 0.2699, 0.3015**, and the grayscale version is **72.1217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **36.9789, 0.3785, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **62.1844, 0.3916, 0.3648**, and if you desaturate by 10%, it is **80.5489, 0.3438, 0.3451**.

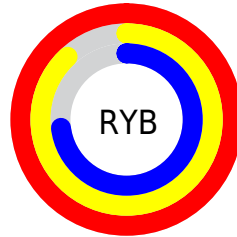
Distribution



Red (100%)

Green (82%)

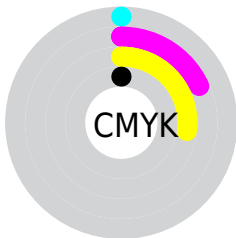
Blue (73%)



Red (100%)

Yellow (88%)

Blue (73%)

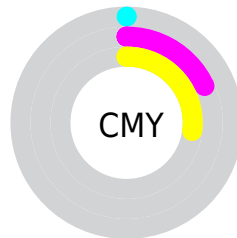


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.8560, 0.3659, 0.3549 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 70.8560, 0.3659, 0.3549 by changing the saturation by 10% instead.


 70.8560, 0.3659,
0.3549

 70.8560, 0.3659,
0.3549


463.5499, 0.3410,
0.3434

 52.2247, 0.3716,
0.3574


 120.4287, 0.3572,
0.3510

 37.1842, 0.3788,
0.3604


152.1388, 0.3538,
0.3495

 25.3501, 0.3878,
0.3641


188.9774, 0.3509,
0.3481

 16.3381, 0.3997,
0.3687

231.3287, 0.3484,
0.3469

 9.7637, 0.4158,
0.3745

279.5772, 0.3462,
0.3459

 5.2426, 0.4389,
0.3818

334.1073, 0.3443,

 2.3903, 0.4749,

0.3450

0.3911

395.3034, 0.3425,
0.3441

0.8209, 0.5732,
0.4268

0.0000, 1.0000,
0.0000

70.8560, 0.3659,
0.3549

70.8560, 0.3659,
0.3549

62.1844, 0.3916,
0.3648

80.5489, 0.3438,
0.3451

54.5019, 0.4209,
0.3742

91.2994, 0.3249,
0.3356

47.7700, 0.4534,
0.3821

100.0000, 0.3127,
0.3290

41.9488, 0.4879,
0.3874

■ 36.9950, 0.5223,
0.3887

■ 32.8608, 0.5537,
0.3851

■ 29.4912, 0.5792,
0.3763

■ 28.7384, 0.5850,
0.3737

Harmonies

Analogous

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



70.8560, 0.3605, 0.3330



70.8560, 0.3659, 0.3549



70.8560, 0.3563, 0.3713

Triad

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



70.8560, 0.3659, 0.3549



70.8560, 0.2837, 0.3473



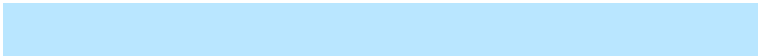
70.8560, 0.2892, 0.2852

Complementary

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



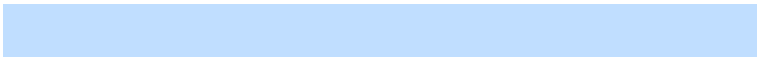
70.8560, 0.3659, 0.3549



74.1528, 0.2699, 0.3015

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.



70.8560, 0.2701, 0.2870



70.8560, 0.3659, 0.3549



70.8560, 0.2670, 0.3219

Square

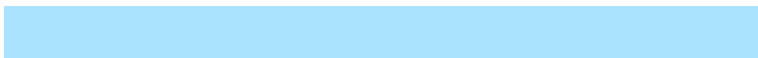
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8560, 0.3659, 0.3549



70.8560, 0.3084, 0.3680



70.8560, 0.2622, 0.2999



70.8560, 0.3153, 0.2940

Rectangle

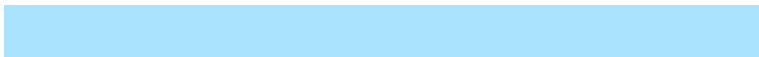
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.8560, 0.3659, 0.3549



70.8560, 0.3431, 0.3763



70.8560, 0.2622, 0.2999



70.8560, 0.2818, 0.2845

Sweetspot

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



70.8551, 0.3659, 0.3549



90.6669, 0.3259, 0.3361



61.7136, 0.3347, 0.2831



19.0475, 0.3285, 0.3375



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.



70.8551, 0.3659, 0.3549



65.9085, 0.3797, 0.3604



89.7698, 0.3569, 0.3883



19.0475, 0.3285, 0.3375



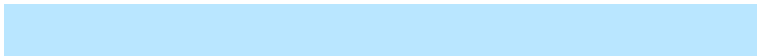
15.2713, 0.5820, 0.3761



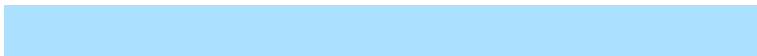
1.6843, 0.5603, 0.3933

Inverse Universe

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



74.1528, 0.2699, 0.3015



69.6993, 0.2613, 0.2950



56.8055, 0.2659, 0.2617



19.3271, 0.2980, 0.3203



17.9427, 0.1910, 0.2075



1.9536, 0.1953, 0.2229

Previews

White Background



This preview shows how the Yxy color 70.8560, 0.3659, 0.3549 looks on a white background.

Color Contrast Check

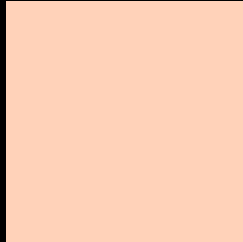
Large Text (above 18pt) WCAG AA × Fail

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 70.8560, 0.3659, 0.3549 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 70.8560, 0.3659, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 70.8560, 0.3659, 0.3549.



This preview shows how white text looks on a background with the Yxy color 70.8560, 0.3659, 0.3549.

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

70.8560, 0.3659, 0.3549

Protanopia

71.1602, 0.3415, 0.3619

Deuteranopia

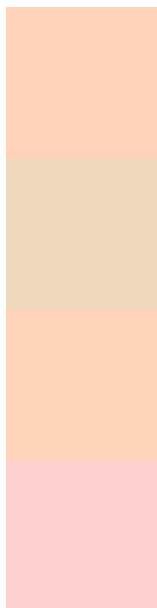
70.9740, 0.3641, 0.3561



Tritanopia

71.1061, 0.3392, 0.3149

Trichromacy



Original Color

70.8560, 0.3659, 0.3549

Protanomaly

71.0933, 0.3497, 0.3591

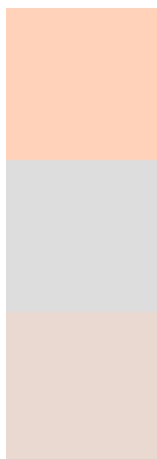
Deuteranomaly

71.1621, 0.3648, 0.3560

Tritanomaly

70.9258, 0.3489, 0.3291

Monochromacy



Original Color

70.8560, 0.3659, 0.3549

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.5034, 0.3307, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8560, 0.3659, 0.3549 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, 210, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 185)  
}
```

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, 210, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 185) }
```

Border

The CSS property to change the border of an element to Yxy 70.8560, 0.3659, 0.3549 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, 210, 185) }
```

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

```
.border{ border-color:rgb(255, 210, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8560, 0.3659, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 185) }
```

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

```
.background{ background-color: rgb(255,  
210, 185) }
```

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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