

Converting Colors

$Y_{xy}(70.7014, 0.3670, 0.3562)$

Have a look what the booklet for
Yxy(70.7014, 0.3670, 0.3562)
contains.

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Color

Yxy(70.8139, 0.3667, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2B8
RGB	255, 210, 184
RGB Percent	100%, 82%, 72%
CMY	0.0000, 0.1765, 0.2785
CMYK	0.00, 0.18, 0.28, 0.00
HSL	22°, 100%, 86%
HSV	22°, 28%, 100%
XYZ	72.9423, 70.8139, 55.1593
YIQ	220.4910, 35.1660, 1.4540

Conversions

Conversions Part 2

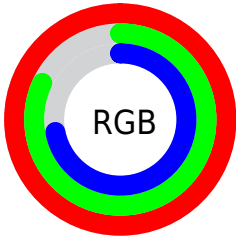
Format	Color
R _Y B	255, 225, 184
Decimal	16765624
CIE Lab	87.39, 12.11, 18.83
CIE LCh	87, 22.388, 57.262
Yxy	70.8139, 0.3667, 0.3560
Android (android.graphics.Color)	4294955704 (0xFFFFD2B8)
YUV	220.4910, -17.9901, 30.2644
Hunter-Lab	84.1510, 7.4600, 20.0423

Details

The Yxy color **70.8139, 0.3667, 0.3560** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4351, 0.2691, 0.3003**, and the grayscale version is **72.0384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **36.9517, 0.3795, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **62.2588, 0.3923, 0.3662**, and if you desaturate by 10%, it is **80.3656, 0.3445, 0.3459**.

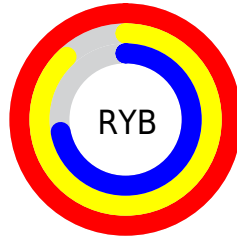
Distribution



Red (100%)

Green (82%)

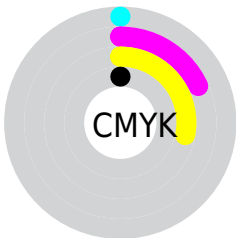
Blue (72%)



Red (100%)

Yellow (88%)

Blue (72%)

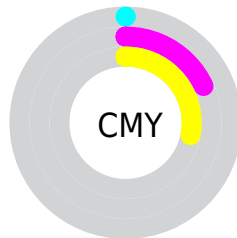


Cyan (0%)

Magenta (18%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.8139, 0.3667, 0.3560 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 70.8139, 0.3667, 0.3560 by changing the saturation by 10% instead.


 70.8139, 0.3667,
0.3560

 70.8139, 0.3667,
0.3560

463.4026, 0.3414,
0.3440

 52.1903, 0.3725,
0.3586


 120.3687, 0.3579,
0.3519

 37.1568, 0.3798,
0.3617


152.0687, 0.3545,
0.3503

 25.3289, 0.3889,
0.3656


188.8964, 0.3515,
0.3489

 16.3223, 0.4009,
0.3704

231.2360, 0.3490,
0.3477

 9.7525, 0.4173,
0.3764

279.4721, 0.3467,
0.3466

 5.2352, 0.4407,
0.3841

333.9889, 0.3447,

 2.3859, 0.4772,

0.3456

0.3940

395.1710, 0.3430,
0.3448

0.8186, 0.5723,
0.4277

0.0000, 1.0000,
0.0000

70.8139, 0.3667,
0.3560

70.8139, 0.3667,
0.3560

62.2588, 0.3923,
0.3662

80.3656, 0.3445,
0.3459

54.6687, 0.4215,
0.3757

90.9487, 0.3256,
0.3362

48.0064, 0.4538,
0.3838

100.0000, 0.3127,
0.3290

42.2332, 0.4879,
0.3892

■ 37.3071, 0.5218,
0.3905

■ 33.1816, 0.5525,
0.3868

■ 29.8027, 0.5775,
0.3780

■ 29.1639, 0.5823,
0.3758

Harmonies

Analogous

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



70.8139, 0.3618, 0.3339



70.8139, 0.3667, 0.3560



70.8139, 0.3565, 0.3723

Triad

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



70.8139, 0.3667, 0.3560



70.8139, 0.2824, 0.3468



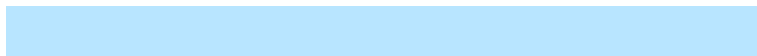
70.8139, 0.2896, 0.2846

Complementary

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



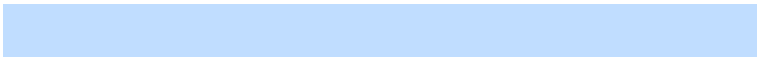
70.8139, 0.3667, 0.3560



73.4351, 0.2691, 0.3003

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.



70.8139, 0.2699, 0.2861



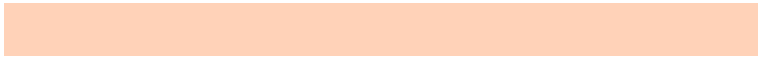
70.8139, 0.3667, 0.3560



70.8139, 0.2659, 0.3209

Square

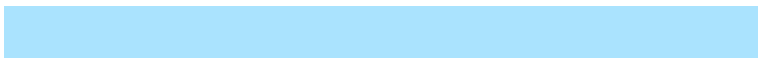
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8139, 0.3667, 0.3560



70.8139, 0.3074, 0.3681



70.8139, 0.2615, 0.2988



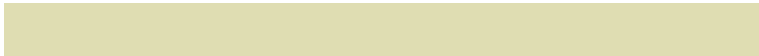
70.8139, 0.3163, 0.2939

Rectangle

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



70.8139, 0.3667, 0.3560



70.8139, 0.3428, 0.3772



70.8139, 0.2615, 0.2988



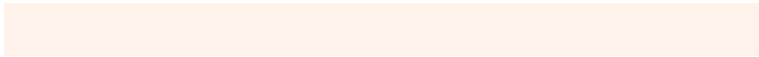
70.8139, 0.2820, 0.2838

Sweetspot

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



70.8131, 0.3667, 0.3560



90.7835, 0.3258, 0.3363



61.2537, 0.3351, 0.2824



19.0767, 0.3285, 0.3378



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.



70.8131, 0.3667, 0.3560



66.2860, 0.3794, 0.3613



89.6302, 0.3576, 0.3892



19.0767, 0.3285, 0.3378



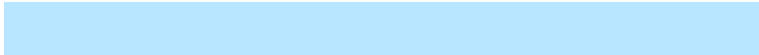
15.4979, 0.5794, 0.3782



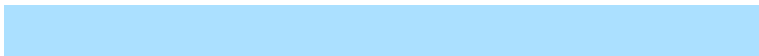
1.7087, 0.5579, 0.3953

Inverse Universe

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



73.4351, 0.2691, 0.3003



69.2633, 0.2612, 0.2941



56.2736, 0.2651, 0.2606



19.2967, 0.2980, 0.3201



17.4911, 0.1900, 0.2040



1.9116, 0.1944, 0.2198

Previews

White Background



This preview shows how the Yxy color 70.8139, 0.3667, 0.3560 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 70.8139, 0.3667, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

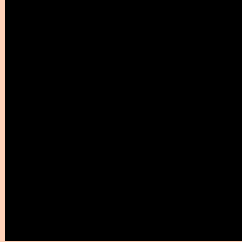
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.8139, 0.3667, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 70.8139, 0.3667, 0.3560.

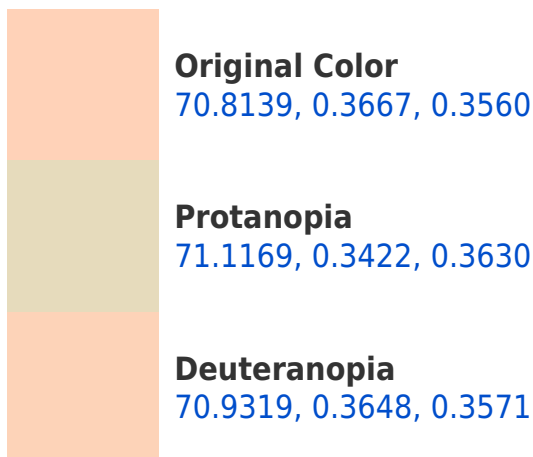


This preview shows how white text looks on a background with the Yxy color 70.8139, 0.3667, 0.3560.

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

70.5699, 0.3401, 0.3149

Trichromacy



Original Color

70.8139, 0.3667, 0.3560

Protanomaly

71.0503, 0.3504, 0.3602

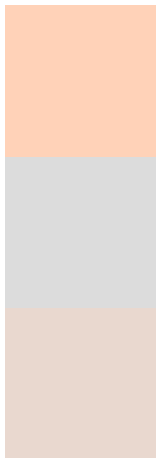
Deuteranomaly

71.1201, 0.3656, 0.3571

Tritanomaly

70.3906, 0.3498, 0.3291

Monochromacy



Original Color

70.8139, 0.3667, 0.3560

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.9404, 0.3315, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8139, 0.3667, 0.3560 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 184) }
```

Border

The CSS property to change the border of an element to Yxy 70.8139, 0.3667, 0.3560 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, 184) }
```

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

```
.border{ border-color:rgb(255, 210, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 184); box-shadow:4px 4px 4px 4px rgb(255, 210, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8139, 0.3667, 0.3560 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, 184) }
```

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

```
.background{ background-color: rgb(255,  
210, 184) }
```

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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