

Converting Colors

$Y_{xy}(71.0013, 0.3633, 0.3550)$

Have a look what the booklet for
Yxy(71.0013, 0.3633, 0.3550)
contains.

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Color

Yxy(71.0163, 0.3633, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	FDD3BA
RGB	253, 211, 186
RGB Percent	99%, 83%, 73%
CMY	0.0079, 0.1725, 0.2707
CMYK	0.00, 0.17, 0.26, 0.01
HSL	22°, 94%, 86%
HSV	22°, 26%, 99%
XYZ	72.6562, 71.0163, 56.3171
YIQ	220.7080, 33.0570, 1.1290

Conversions

Conversions Part 2

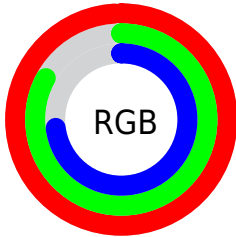
Format	Color
R _Y B	253, 226, 186
Decimal	16634810
CIE Lab	87.49, 11.08, 17.89
CIE LCh	87, 21.048, 58.225
Yxy	71.0163, 0.3633, 0.3551
Android (android.graphics.Color)	4294824890 (0xFFFD3BA)
YUV	220.7080, -17.1110, 28.3201
Hunter-Lab	84.2712, 6.4231, 19.3673

Details

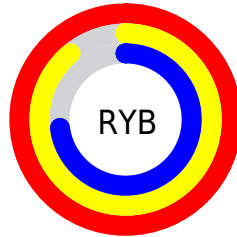
The Yxy color **71.0163, 0.3633, 0.3551** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9756, 0.2712, 0.3013**, and the grayscale version is **72.1951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **37.2062, 0.3760, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **62.5490, 0.3883, 0.3655**, and if you desaturate by 10%, it is **80.4564, 0.3417, 0.3448**.

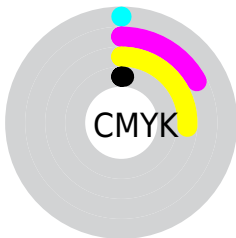
Distribution



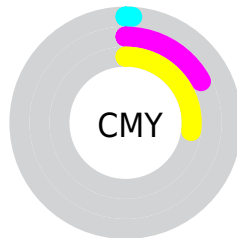
- Red (99%)
- Green (83%)
- Blue (73%)



- Red (99%)
- Yellow (89%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (1%)





- Cyan (1%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0163, 0.3633, 0.3551 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 71.0163, 0.3633, 0.3551 by changing the saturation by 10% instead.


 71.0163, 0.3633,
0.3551

 71.0163, 0.3633,
0.3551


464.1104, 0.3396,
0.3434

 52.3555, 0.3688,
0.3576


 120.6569, 0.3550,
0.3511

 37.2885, 0.3755,
0.3607

152.4056, 0.3518,
0.3496

 25.4310, 0.3841,
0.3645


189.2856, 0.3491,
0.3482

 16.3984, 0.3954,
0.3693

231.6814, 0.3467,
0.3470

 9.8065, 0.4107,
0.3753

279.9774, 0.3446,
0.3460

 5.2709, 0.4327,
0.3832

334.5579, 0.3427,

 2.4071, 0.4666,

0.3450

0.3933

395.8075, 0.3411,
0.3442

0.8295, 0.5652,
0.4348

0.0000, 1.0000,
0.0000

71.0163, 0.3633,
0.3551

71.0163, 0.3633,
0.3551

62.5490, 0.3883,
0.3655

80.4564, 0.3417,
0.3448

55.0123, 0.4168,
0.3754

90.8901, 0.3232,
0.3350

48.3751, 0.4484,
0.3839

99.6181, 0.3115,
0.3290

42.6008, 0.4820,
0.3899

■ 37.6495, 0.5157,
0.3920

■ 33.4777, 0.5468,
0.3892

■ 30.0358, 0.5723,
0.3810

■ 28.9829, 0.5802,
0.3775

Harmonies

Analogous

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



71.0163, 0.3591, 0.3344



71.0163, 0.3633, 0.3551



71.0163, 0.3533, 0.3701

Triad

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



71.0163, 0.3633, 0.3551



71.0163, 0.2836, 0.3449



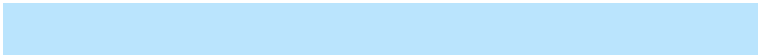
71.0163, 0.2918, 0.2873

Complementary

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



71.0163, 0.3633, 0.3551



72.9756, 0.2712, 0.3013

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.



71.0163, 0.2729, 0.2884



71.0163, 0.3633, 0.3551



71.0163, 0.2684, 0.3207

Square

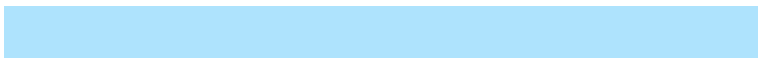
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0163, 0.3633, 0.3551



71.0163, 0.3069, 0.3651



71.0163, 0.2645, 0.3001



71.0163, 0.3170, 0.2964

Rectangle

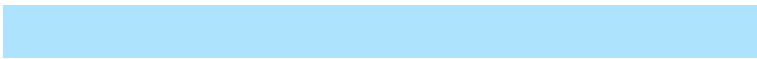
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0163, 0.3633, 0.3551



71.0163, 0.3403, 0.3743



71.0163, 0.2645, 0.3001



71.0163, 0.2845, 0.2865

Sweetspot

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



71.0196, 0.3633, 0.3551



90.8734, 0.3258, 0.3365



61.6091, 0.3346, 0.2859



19.0993, 0.3285, 0.3379



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.



71.0196, 0.3633, 0.3551



67.4310, 0.3767, 0.3609



89.1490, 0.3550, 0.3872



19.0993, 0.3285, 0.3379



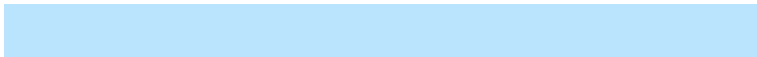
15.6772, 0.5773, 0.3798



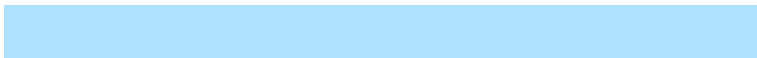
1.7278, 0.5560, 0.3968

Inverse Universe

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



72.9756, 0.2712, 0.3013



69.7303, 0.2626, 0.2946



56.5150, 0.2676, 0.2631



19.2734, 0.2979, 0.3199



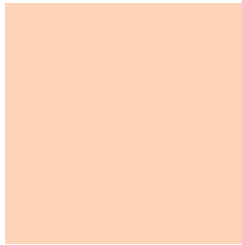
17.1491, 0.1893, 0.2014



1.8796, 0.1938, 0.2175

Previews

White Background



This preview shows how the Yxy color 71.0163, 0.3633, 0.3551 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 71.0163, 0.3633, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

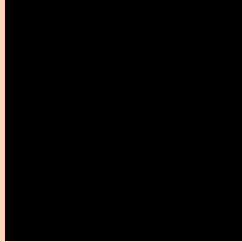
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0163, 0.3633, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 71.0163, 0.3633, 0.3551.






This preview shows how white text looks on a background with the Yxy color 71.0163, 0.3633, 0.3551.

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 71.0163, 0.3633, 0.3551
	Protanopia 71.2037, 0.3408, 0.3608
	Deuteranopia 71.0163, 0.3633, 0.3551



Tritanopia

71.1596, 0.3385, 0.3139

Trichromacy



Original Color

71.0163, 0.3633, 0.3551

Protanomaly

70.9630, 0.3482, 0.3581

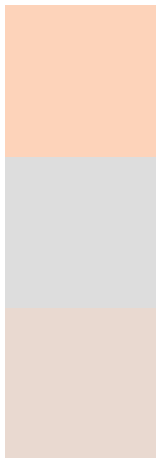
Deuteranomaly

71.0163, 0.3633, 0.3551

Tritanomaly

70.7860, 0.3473, 0.3281

Monochromacy



Original Color

71.0163, 0.3633, 0.3551

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 71.0163, 0.3633, 0.3551 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(253, 211, 186)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 186)  
}
```

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(253, 211, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 186) }
```

Border

The CSS property to change the border of an element to Yxy 71.0163, 0.3633, 0.3551 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(253, 211, 186) }
```

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

```
.border{ border-color:rgb(253, 211, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 211, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 186);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0163, 0.3633, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 186) }
```

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

```
.background{ background-color: rgb(253,  
211, 186) }
```

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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