

Converting Colors

Yxy(76.0980, 0.3813, 0.3619)

Have a look what the booklet for
Yxy(76.0980, 0.3813, 0.3619)
contains.

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Color

Yxy(72.6893, 0.3678, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6B5
RGB	255, 214, 181
RGB Percent	100%, 84%, 71%
CMY	0.0000, 0.1608, 0.2901
CMYK	0.00, 0.16, 0.29, 0.00
HSL	27°, 100%, 85%
HSV	27°, 29%, 100%
XYZ	73.6302, 72.6893, 53.8714
YIQ	222.4970, 35.0290, -1.5710

Conversions

Conversions Part 2

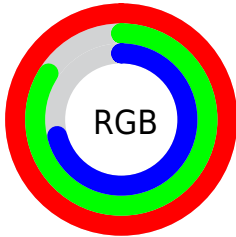
Format	Color
R _Y B	255, 241, 181
Decimal	16766645
CIE Lab	88.30, 9.64, 21.64
CIE LCh	88, 23.693, 65.987
Yxy	72.6893, 0.3678, 0.3631
Android (android.graphics.Color)	4294956725 (0xFFFFD6B5)
YUV	222.4970, -20.4580, 28.5051
Hunter-Lab	85.2580, 4.9539, 22.2175

Details

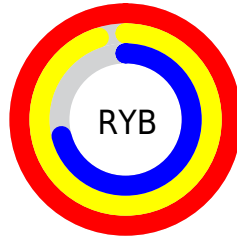
The Yxy color **72.6893, 0.3678, 0.3631** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.2930, 0.2666, 0.2922**, and the grayscale version is **73.5467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **38.2251, 0.3807, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **64.8933, 0.3923, 0.3753**, and if you desaturate by 10%, it is **81.3007, 0.3462, 0.3509**.

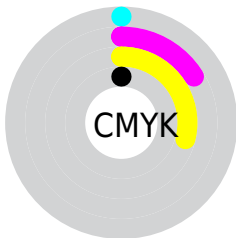
Distribution



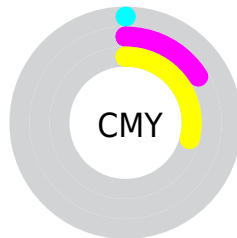
- Red (100%)
- Green (84%)
- Blue (71%)



- Red (100%)
- Yellow (95%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6893, 0.3678, 0.3631 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 72.6893, 0.3678, 0.3631 by changing the saturation by 10% instead.

 72.6893, 0.3678,
0.3631

 72.6893, 0.3678,
0.3631

469.9373, 0.3422,
0.3478

 53.7219, 0.3737,
0.3664


 123.0360, 0.3589,
0.3579

 38.3794, 0.3809,
0.3704


155.1842, 0.3554,
0.3559

 26.2773, 0.3900,
0.3754

192.4948, 0.3525,
0.3541

 17.0312, 0.4019,
0.3816

235.3521, 0.3499,
0.3525

 10.2567, 0.4178,
0.3895

284.1406, 0.3476,
0.3512

 5.5695, 0.4403,
0.3996

339.2447, 0.3456,

 2.5851, 0.4754,

0.3499

0.4138

401.0488, 0.3438,
0.3488

0.9192, 0.5531,
0.4469

0.0000, 1.0000,
0.0000

72.6893, 0.3678,
0.3631

72.6893, 0.3678,
0.3631

64.8933, 0.3923,
0.3753

81.3007, 0.3462,
0.3509

57.8814, 0.4195,
0.3868

90.7473, 0.3275,
0.3391

51.6277, 0.4489,
0.3966

100.0000, 0.3127,
0.3290

46.1023, 0.4793,
0.4033

■ 41.2728, 0.5090,
0.4058

■ 37.1032, 0.5356,
0.4029

■ 33.5482, 0.5576,
0.3947

■ 33.2273, 0.5597,
0.3938

Harmonies

Analogous

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



72.6893, 0.3674, 0.3410



72.6893, 0.3678, 0.3631



72.6893, 0.3529, 0.3775

Triad

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



72.6893, 0.3678, 0.3631



72.6893, 0.2748, 0.3398



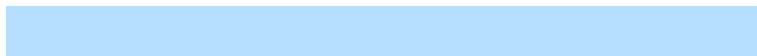
72.6893, 0.2961, 0.2843

Complementary

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



72.6893, 0.3678, 0.3631



69.2930, 0.2666, 0.2922

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.



72.6893, 0.2728, 0.2824



72.6893, 0.3678, 0.3631



72.6893, 0.2610, 0.3129

Square

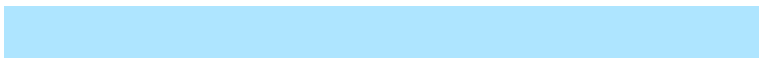
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6893, 0.3678, 0.3631



72.6893, 0.2989, 0.3646



72.6893, 0.2603, 0.2922



72.6893, 0.3250, 0.2969

Rectangle

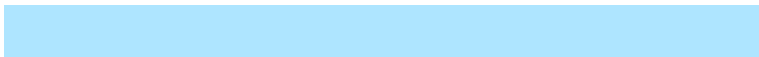
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6893, 0.3678, 0.3631



72.6893, 0.3367, 0.3799



72.6893, 0.2603, 0.2922



72.6893, 0.2874, 0.2824

Sweetspot

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



72.6910, 0.3678, 0.3631



90.7619, 0.3274, 0.3391



59.6371, 0.3413, 0.2864



19.1212, 0.3300, 0.3407



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.



72.6910, 0.3678, 0.3631



67.9280, 0.3821, 0.3705



93.0099, 0.3580, 0.3974



19.3204, 0.3283, 0.3396



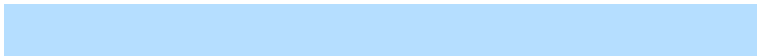
17.6493, 0.5569, 0.3960



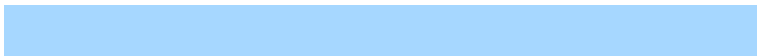
1.9324, 0.5374, 0.4115

Inverse Universe

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



69.2930, 0.2666, 0.2922



64.0052, 0.2570, 0.2832



52.1397, 0.2620, 0.2500



19.0470, 0.2979, 0.3181



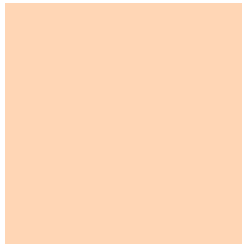
14.0754, 0.1822, 0.1759



1.5886, 0.1874, 0.1948

Previews

White Background



This preview shows how the Yxy color 72.6893, 0.3678, 0.3631 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 72.6893, 0.3678, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

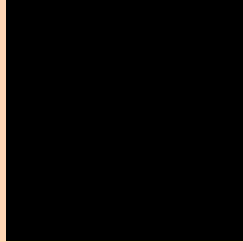
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6893, 0.3678, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 72.6893, 0.3678, 0.3631.



This preview shows how white text looks on a background with the Yxy color 72.6893, 0.3678, 0.3631.

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

72.6893, 0.3678, 0.3631

Protanopia

72.7081, 0.3469, 0.3680

Deuteranopia

72.8138, 0.3656, 0.3600



Tritanopia

72.7350, 0.3366, 0.3150

Trichromacy



Original Color

72.6893, 0.3678, 0.3631

Protanomaly

72.4807, 0.3544, 0.3652

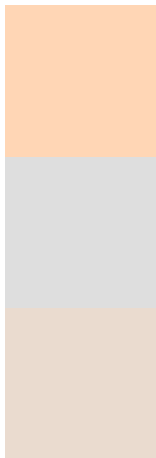
Deuteranomaly

72.7720, 0.3663, 0.3610

Tritanomaly

72.4026, 0.3483, 0.3322

Monochromacy



Original Color

72.6893, 0.3678, 0.3631

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.6605, 0.3318, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6893, 0.3678, 0.3631 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, 214, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 181)  
}
```

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, 214, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 181) }
```

Border

The CSS property to change the border of an element to Yxy 72.6893, 0.3678, 0.3631 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, 214, 181) }
```

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

```
.border{ border-color:rgb(255, 214, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6893, 0.3678, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 181) }
```

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

```
.background{ background-color: rgb(255,  
214, 181) }
```

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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