

Converting Colors

$Y_{xy}(72.7479, 0.3640, 0.3575)$

Have a look what the booklet for
Yxy(72.7479, 0.3640, 0.3575)
contains.

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Color

Yxy(72.8983, 0.3641, 0.3579)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD6BA |
| RGB | 255, 214, 186 |
| RGB Percent | 100%, 84%, 73% |
| CMY | 0.0000, 0.1608, 0.2705 |
| CMYK | 0.00, 0.16, 0.27, 0.00 |
| HSL | 24°, 100%, 86% |
| HSV | 24°, 27%, 100% |
| XYZ | 74.1611, 72.8983, 56.6240 |
| YIQ | 223.0670, 33.4240, -0.0160 |

Conversions

Conversions Part 2

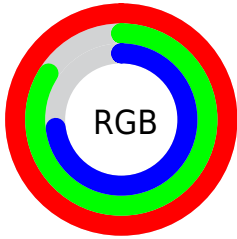
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 233, 186 |
| Decimal | 16766650 |
| CIE Lab | 88.40, 10.31, 19.16 |
| CIE LCh | 88, 21.763, 61.716 |
| Yxy | 72.8983, 0.3641, 0.3579 |
| Android (android.graphics.Color) | 4294956730 (0xFFFFD6BA) |
| YUV | 223.0670, -18.2740, 28.0052 |
| Hunter-Lab | 85.3805, 5.6285, 20.4455 |

Details

The Yxy color **72.8983, 0.3641, 0.3579** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.6126, 0.2701, 0.2981**, and the grayscale version is **73.9527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **38.3600, 0.3758, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **64.5857, 0.3887, 0.3691**, and if you desaturate by 10%, it is **82.1106, 0.3426, 0.3468**.

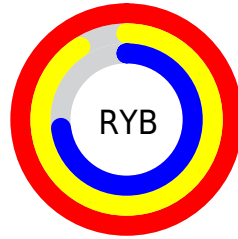
Distribution



Red (100%)

Green (84%)

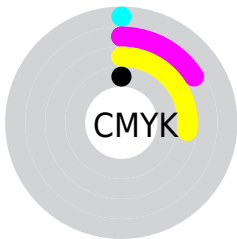
Blue (73%)



Red (100%)

Yellow (91%)

Blue (73%)

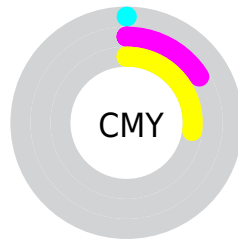


Cyan (0%)

Magenta (16%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8983, 0.3641, 0.3579 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 72.8983, 0.3641, 0.3579 by changing the saturation by 10% instead.


 72.8983, 0.3641,
0.3579

 72.8983, 0.3641,
0.3579

470.6623, 0.3402,
0.3450

 53.8928, 0.3696,
0.3607


 123.3328, 0.3558,
0.3535

 38.5160, 0.3764,
0.3641


155.5306, 0.3526,
0.3518

 26.3834, 0.3849,
0.3683


192.8947, 0.3498,
0.3503

 17.1107, 0.3961,
0.3735

235.8094, 0.3473,
0.3490

 10.3134, 0.4112,
0.3802

284.6591, 0.3452,
0.3478

 5.6073, 0.4327,
0.3889

339.8282, 0.3433,

 2.6078, 0.4652,

0.3468

0.4001

401.7011, 0.3417,
0.3458

0.9306, 0.5572,
0.4428

0.0000, 1.0000,
0.0000

72.8983, 0.3641,
0.3579

72.8983, 0.3641,
0.3579

64.5857, 0.3887,
0.3691

82.1106, 0.3426,
0.3468

57.1549, 0.4165,
0.3798

92.2626, 0.3241,
0.3361

50.5707, 0.4471,
0.3890

100.0000, 0.3127,
0.3290

44.7992, 0.4793,
0.3955

■ 39.8041, 0.5113,
0.3981

■ 35.5450, 0.5407,
0.3954

■ 31.9759, 0.5650,
0.3874

■ 31.0424, 0.5714,
0.3845

Harmonies

Analogous

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



72.8983, 0.3616, 0.3371



72.8983, 0.3641, 0.3579



72.8983, 0.3523, 0.3723

Triad

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



72.8983, 0.3641, 0.3579



72.8983, 0.2806, 0.3425



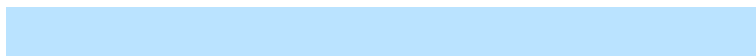
72.8983, 0.2940, 0.2869

Complementary

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



72.8983, 0.3641, 0.3579



72.6126, 0.2701, 0.2981

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.



72.8983, 0.2737, 0.2867



72.8983, 0.3641, 0.3579



72.8983, 0.2662, 0.3177

Square

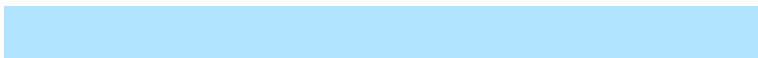
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8983, 0.3641, 0.3579



72.8983, 0.3037, 0.3641



72.8983, 0.2637, 0.2975



72.8983, 0.3202, 0.2973

Rectangle

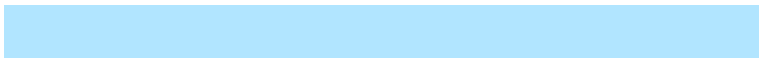
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8983, 0.3641, 0.3579



72.8983, 0.3382, 0.3757



72.8983, 0.2637, 0.2975



72.8983, 0.2863, 0.2856

Sweetspot

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



72.8943, 0.3641, 0.3579



91.2602, 0.3258, 0.3371



61.9528, 0.3370, 0.2871



19.1964, 0.3284, 0.3387



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.



72.8943, 0.3641, 0.3579



68.6722, 0.3759, 0.3635



92.0031, 0.3554, 0.3906



19.1964, 0.3284, 0.3387



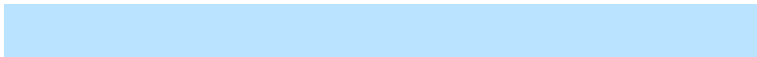
16.4950, 0.5685, 0.3868



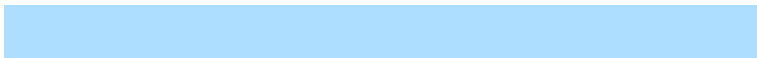
1.8139, 0.5478, 0.4032

Inverse Universe

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



72.6126, 0.2701, 0.2981



68.3439, 0.2623, 0.2916



55.7628, 0.2662, 0.2588



19.1734, 0.2979, 0.3191



15.7379, 0.1861, 0.1900



1.7470, 0.1910, 0.2075

Previews

White Background



This preview shows how the Yxy color 72.8983, 0.3641, 0.3579 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 72.8983, 0.3641, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

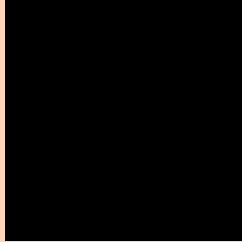
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8983, 0.3641, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 72.8983, 0.3641, 0.3579.



This preview shows how white text looks on a background with the Yxy color 72.8983, 0.3641, 0.3579.

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

72.8983, 0.3641, 0.3579

Protanopia

72.7542, 0.3427, 0.3626

Deuteranopia

72.9840, 0.3626, 0.3559



Tritanopia

72.7350, 0.3366, 0.3150

Trichromacy



Original Color

72.8983, 0.3641, 0.3579

Protanomaly

72.5177, 0.3501, 0.3599

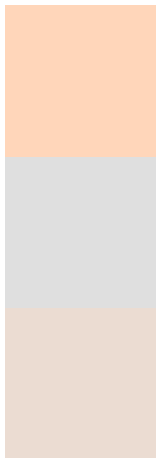
Deuteranomaly

72.9410, 0.3633, 0.3569

Tritanomaly

72.5017, 0.3468, 0.3301

Monochromacy



Original Color

72.8983, 0.3641, 0.3579

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.5017, 0.3304, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8983, 0.3641, 0.3579 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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(255, 214, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 186) }
```

Border

The CSS property to change the border of an element to Yxy 72.8983, 0.3641, 0.3579 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, 186) }
```

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

```
.border{ border-color:rgb(255, 214, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
186) }
```


Background

The CSS property to change the background color of an element to `rgb(72.8983, 0.3641, 0.3579)` 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, 186) }
```

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

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