

Converting Colors

$Y_{xy}(72.2744, 0.3608, 0.3571)$

Have a look what the booklet for
Yxy(72.2744, 0.3608, 0.3571)
contains.

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Color

Yxy(72.3764, 0.3610, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	FCD6BB
RGB	252, 214, 187
RGB Percent	99%, 84%, 73%
CMY	0.0117, 0.1608, 0.2666
CMYK	0.00, 0.15, 0.26, 0.01
HSL	25°, 92%, 86%
HSV	25°, 26%, 99%
XYZ	73.1668, 72.3764, 57.1350
YIQ	222.2840, 31.3150, -0.3410

Conversions

Conversions Part 2

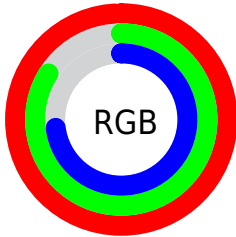
Format	Color
R _Y B	252, 233, 187
Decimal	16570043
CIE Lab	88.15, 9.32, 18.25
CIE LCh	88, 20.495, 62.944
Yxy	72.3764, 0.3610, 0.3571
Android (android.graphics.Color)	4294760123 (0xFFFC6BB)
YUV	222.2840, -17.3950, 26.0609
Hunter-Lab	85.0743, 4.6361, 19.7335

Details

The Yxy color **72.3764, 0.3610, 0.3571** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.4649, 0.2720, 0.2991**, and the grayscale version is **73.3705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **38.1196, 0.3728, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **64.2667, 0.3850, 0.3686**, and if you desaturate by 10%, it is **81.3573, 0.3401, 0.3458**.

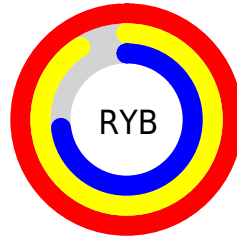
Distribution



Red (99%)

Green (84%)

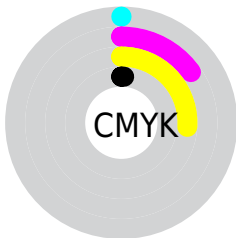
Blue (73%)



Red (99%)

Yellow (91%)

Blue (73%)

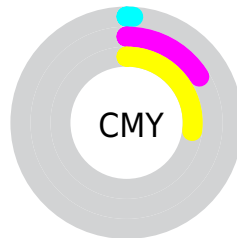


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3764, 0.3610, 0.3571 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 72.3764, 0.3610, 0.3571 by changing the saturation by 10% instead.


 72.3764, 0.3610,
0.3571

 72.3764, 0.3610,
0.3571


468.8507, 0.3385,
0.3445

 53.4662, 0.3662,
0.3599


 122.5915, 0.3532,
0.3528

 38.1751, 0.3725,
0.3632


154.6652, 0.3501,
0.3511

 26.1186, 0.3806,
0.3674


191.8956, 0.3475,
0.3496

 16.9124, 0.3912,
0.3726

234.6670, 0.3452,
0.3484

 10.1720, 0.4055,
0.3794

283.3638, 0.3432,
0.3472

 5.5132, 0.4260,
0.3883

338.3704, 0.3415,

 2.5514, 0.4571,

0.3462

0.4000

400.0712, 0.3399,
0.3453

0.9023, 0.5514,
0.4486

0.0000, 1.0000,
0.0000

72.3764, 0.3610,
0.3571

72.3764, 0.3610,
0.3571

64.2667, 0.3850,
0.3686

81.3573, 0.3401,
0.3458

56.9905, 0.4122,
0.3796

91.2259, 0.3220,
0.3350

50.5219, 0.4421,
0.3893

99.4387, 0.3109,
0.3290

44.8294, 0.4737,
0.3965

■ 39.8791, 0.5054,
0.3998

■ 35.6338, 0.5348,
0.3981

■ 32.0512, 0.5594,
0.3909

■ 30.7239, 0.5685,
0.3868

Harmonies

Analogous

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



72.3764, 0.3592, 0.3376



72.3764, 0.3610, 0.3571



72.3764, 0.3494, 0.3702

Triad

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



72.3764, 0.3610, 0.3571



72.3764, 0.2816, 0.3408



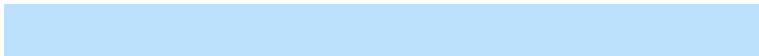
72.3764, 0.2960, 0.2894

Complementary

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



72.3764, 0.3610, 0.3571



71.4649, 0.2720, 0.2991

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.



72.3764, 0.2764, 0.2888



72.3764, 0.3610, 0.3571



72.3764, 0.2684, 0.3175

Square

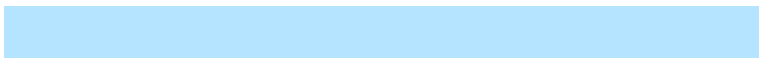
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3764, 0.3610, 0.3571



72.3764, 0.3033, 0.3614



72.3764, 0.2666, 0.2987



72.3764, 0.3209, 0.2995

Rectangle

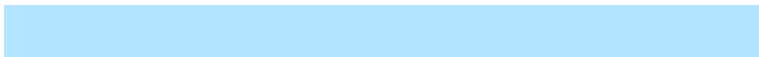
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3764, 0.3610, 0.3571



72.3764, 0.3359, 0.3730



72.3764, 0.2666, 0.2987



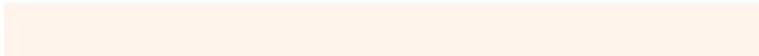
72.3764, 0.2887, 0.2880

Sweetspot

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



72.3797, 0.3610, 0.3571



91.3772, 0.3258, 0.3373



61.7377, 0.3356, 0.2892



19.2258, 0.3284, 0.3389



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.



72.3797, 0.3610, 0.3571



69.8783, 0.3732, 0.3631



89.9055, 0.3533, 0.3877



18.4089, 0.3284, 0.3389



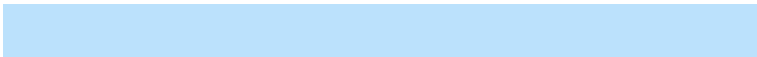
16.2766, 0.5656, 0.3891



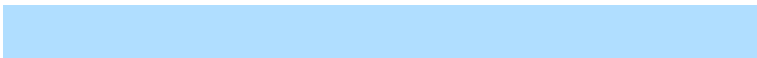
1.7112, 0.5442, 0.4061

Inverse Universe

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



71.4649, 0.2720, 0.2991



68.7852, 0.2637, 0.2921



55.9643, 0.2687, 0.2626



18.3301, 0.2980, 0.3189



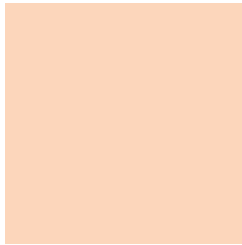
14.8925, 0.1852, 0.1868



1.5885, 0.1904, 0.2054

Previews

White Background



This preview shows how the Yxy color 72.3764, 0.3610, 0.3571 looks on a white background.

Color Contrast Check

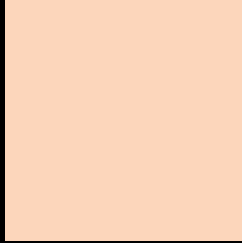
Large Text (above 18pt) WCAG AA × Fail

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 72.3764, 0.3610, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

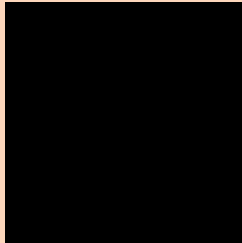
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3764, 0.3610, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 72.3764, 0.3610, 0.3571.



This preview shows how white text looks on a background with the Yxy color 72.3764, 0.3610, 0.3571.

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

72.3764, 0.3610, 0.3571

Protanopia

72.5864, 0.3419, 0.3627

Deuteranopia

72.4364, 0.3636, 0.3559



Tritanopia

72.2972, 0.3360, 0.3129

Trichromacy



Original Color

72.3764, 0.3610, 0.3571

Protanomaly

72.1677, 0.3485, 0.3601

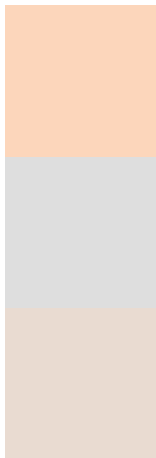
Deuteranomaly

72.2472, 0.3628, 0.3560

Tritanomaly

72.3625, 0.3453, 0.3291

Monochromacy



Original Color

72.3764, 0.3610, 0.3571

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.5901, 0.3297, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3764, 0.3610, 0.3571 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(252, 214, 187)` looks like.

```
.text, #text, p{  
    color:rgb(252, 214, 187)  
}
```

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(252, 214, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 214, 187) }
```

Border

The CSS property to change the border of an element to Yxy 72.3764, 0.3610, 0.3571 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(252, 214, 187) }
```

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

```
.border{ border-color:rgb(252, 214, 187) }
```

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

Here you see how a box with a 4 pixel rgb(252, 214, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 214, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 214, 187);  
box-shadow:4px 4px 4px 4px rgb(252, 214,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3764, 0.3610, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 214, 187) }
```

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

```
.background{ background-color: rgb(252,  
214, 187) }
```

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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