

Converting Colors

$Y_{xy}(72.0906, 0.3472, 0.3470)$

Have a look what the booklet for
Yxy(72.0906, 0.3472, 0.3470)
contains.

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Color

Yxy(72.0906, 0.3472, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	F5D7C6
RGB	245, 215, 198
RGB Percent	96%, 84%, 78%
CMY	0.0395, 0.1567, 0.2236
CMYK	0.00, 0.12, 0.19, 0.04
HSL	22°, 70%, 87%
HSV	22°, 19%, 96%
XYZ	72.1322, 72.0906, 63.5311
YIQ	222.0320, 23.3370, 1.0730

Conversions

Conversions Part 2

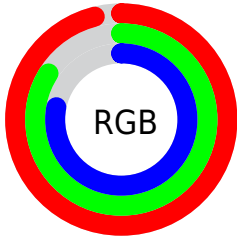
Format	Color
R _Y B	245, 225, 198
Decimal	16111558
CIE Lab	88.01, 7.74, 12.21
CIE LCh	88, 14.456, 57.611
Yxy	72.0906, 0.3472, 0.3470
Android (android.graphics.Color)	4294301638 (0xFFF5D7C6)
YUV	222.0320, -11.8478, 20.1429
Hunter-Lab	84.9062, 3.0591, 15.0705

Details

The Yxy color $72.0906, 0.3472, 0.3470$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $74.0228, 0.2828, 0.3103$, and the grayscale version is $73.1408, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8466, 0.3555, 0.3509$ is the 20% darker color. If you saturate the color by 10%, you get $63.4808, 0.3698, 0.3570$, and if you desaturate by 10%, it is $81.6476, 0.3279, 0.3373$.

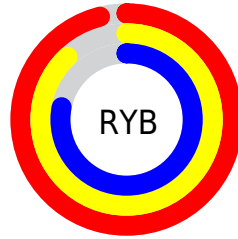
Distribution



Red (96%)

Green (84%)

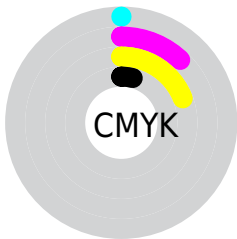
Blue (78%)



Red (96%)

Yellow (88%)

Blue (78%)

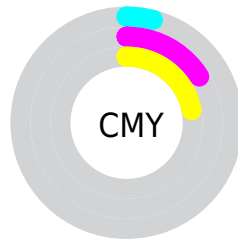


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0906, 0.3472, 0.3470 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 72.0906, 0.3472, 0.3470 by changing the saturation by 10% instead.


 72.0906, 0.3472,
0.3470

 72.0906, 0.3472,
0.3470

467.8569, 0.3311,
0.3389

 53.2327, 0.3509,
0.3488


122.1853, 0.3416,
0.3442

 37.9886, 0.3555,
0.3510


154.1909, 0.3394,
0.3431

 25.9738, 0.3613,
0.3538


191.3479, 0.3376,
0.3422

 16.8040, 0.3690,
0.3573

234.0406, 0.3359,
0.3413

 10.0949, 0.3795,
0.3619

282.6535, 0.3345,
0.3406

 5.4619, 0.3947,
0.3683

337.5709, 0.3332,

 2.5207, 0.4186,

0.3400

0.3774

399.1772, 0.3321,
0.3394

0.8870, 0.5116,
0.4335

0.0000, 0.0000,
0.0000

72.0906, 0.3472,
0.3470

72.0906, 0.3472,
0.3470

63.4808, 0.3698,
0.3570

81.6476, 0.3279,
0.3373

55.7787, 0.3959,
0.3670

92.1704, 0.3114,
0.3283

48.9558, 0.4255,
0.3764

98.1413, 0.3065,
0.3290

42.9787, 0.4581,
0.3841

■ 37.8114, 0.4925,
0.3890

■ 33.4151, 0.5262,
0.3897

■ 29.7465, 0.5565,
0.3853

■ 26.7524, 0.5810,
0.3762

■ 26.5302, 0.5829,
0.3754

Harmonies

Analogous

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



72.0906, 0.3441, 0.3327



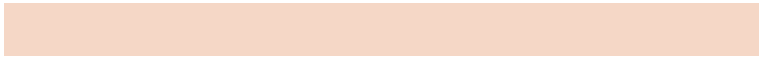
72.0906, 0.3472, 0.3470



72.0906, 0.3407, 0.3571

Triad

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



72.0906, 0.3472, 0.3470



72.0906, 0.2931, 0.3402



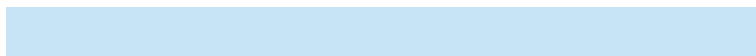
72.0906, 0.2982, 0.3000

Complementary

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



72.0906, 0.3472, 0.3470



74.0228, 0.2828, 0.3103

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.



72.0906, 0.2851, 0.3012



72.0906, 0.3472, 0.3470



72.0906, 0.2823, 0.3240

Square

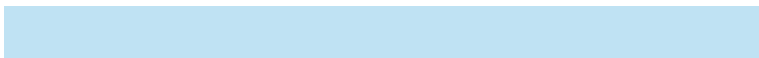
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0906, 0.3472, 0.3470



72.0906, 0.3093, 0.3535



72.0906, 0.2794, 0.3097



72.0906, 0.3154, 0.3062

Rectangle

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



72.0906, 0.3472, 0.3470



72.0906, 0.3320, 0.3598



72.0906, 0.2794, 0.3097



72.0906, 0.2931, 0.2996

Sweetspot

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



72.0938, 0.3472, 0.3470



92.9917, 0.3224, 0.3344



65.4137, 0.3269, 0.2974



19.7458, 0.3235, 0.3350



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.



72.0938, 0.3472, 0.3470



75.2168, 0.3556, 0.3509



84.5661, 0.3429, 0.3700



17.4672, 0.3285, 0.3376



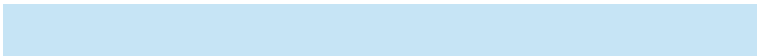
14.5399, 0.5800, 0.3777



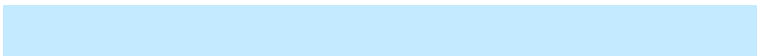
1.4661, 0.5562, 0.3966

Inverse Universe

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



74.0228, 0.2828, 0.3103



77.6845, 0.2767, 0.3060



62.2703, 0.2813, 0.2844



17.6871, 0.2980, 0.3202



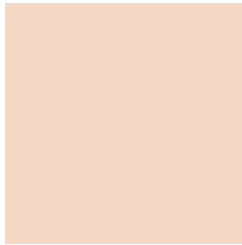
16.6462, 0.1904, 0.2055



1.6579, 0.1952, 0.2227

Previews

White Background



This preview shows how the Yxy color 72.0906, 0.3472, 0.3470 looks on a white background.

Color Contrast Check

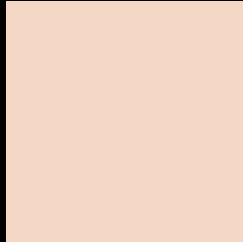
Large Text (above 18pt) WCAG AA × Fail

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 72.0906, 0.3472, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

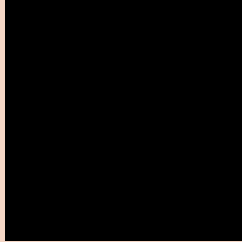
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.0906, 0.3472, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 72.0906, 0.3472, 0.3470.

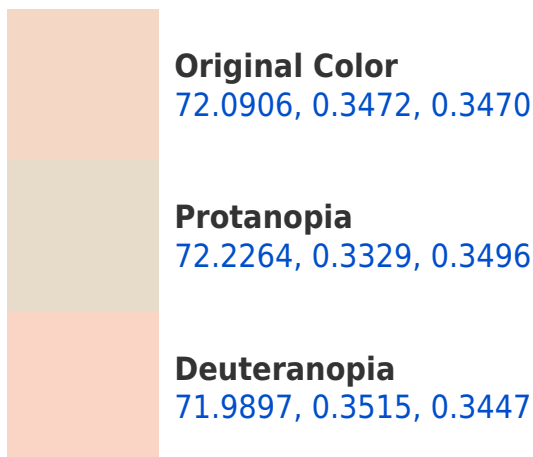


This preview shows how white text looks on a background with the Yxy color 72.0906, 0.3472, 0.3470.

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

72.2743, 0.3298, 0.3127

Trichromacy



Original Color

72.0906, 0.3472, 0.3470

Protanomaly

71.9751, 0.3377, 0.3484

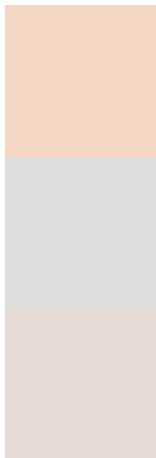
Deuteranomaly

72.1268, 0.3497, 0.3458

Tritanomaly

72.0013, 0.3369, 0.3249

Monochromacy



Original Color

72.0906, 0.3472, 0.3470

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2901, 0.3247, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0906, 0.3472, 0.3470 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(245, 215, 198)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 198)  
}
```

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(245, 215, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 198) }
```

Border

The CSS property to change the border of an element to Yxy 72.0906, 0.3472, 0.3470 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(245, 215, 198) }
```

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

```
.border{ border-color:rgb(245, 215, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 215, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 215, 198); box-shadow:4px 4px 4px 4px rgb(245, 215, 198) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.0906, 0.3472, 0.3470$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 198) }
```

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

```
.background{ background-color: rgb(245,  
215, 198) }
```

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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