

Converting Colors

$Y_{xy}(85.7214, 0.4165, 0.3595)$

Have a look what the booklet for
Yxy(85.7214, 0.4165, 0.3595)
contains.

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Color

Yxy(72.0629, 0.3703, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5B2
RGB	255, 213, 178
RGB Percent	100%, 84%, 70%
CMY	0.0000, 0.1647, 0.3018
CMYK	0.00, 0.16, 0.30, 0.00
HSL	27°, 100%, 85%
HSV	27°, 30%, 100%
XYZ	73.0693, 72.0629, 52.1923
YIQ	221.5680, 36.2670, -1.9810

Conversions

Conversions Part 2

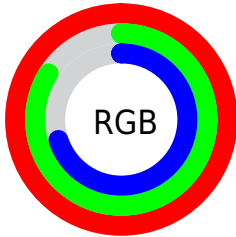
Format	Color
R _Y B	255, 242, 178
Decimal	16766386
CIE Lab	88.00, 9.77, 22.79
CIE LCh	88, 24.791, 66.796
Yxy	72.0629, 0.3703, 0.3652
Android (android.graphics.Color)	4294956466 (0xFFFFD5B2)
YUV	221.5680, -21.4790, 29.3199
Hunter-Lab	84.8899, 5.0872, 22.9700

Details

The Yxy color **72.0629, 0.3703, 0.3652** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.8791, 0.2646, 0.2897**, and the grayscale version is **72.8642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **37.8047, 0.3841, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **64.4349, 0.3949, 0.3776**, and if you desaturate by 10%, it is **80.4881, 0.3485, 0.3527**.

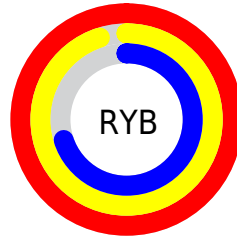
Distribution



Red (100%)

Green (84%)

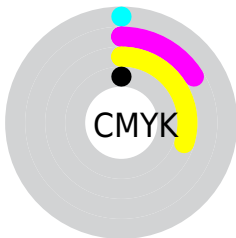
Blue (70%)



Red (100%)

Yellow (95%)

Blue (70%)

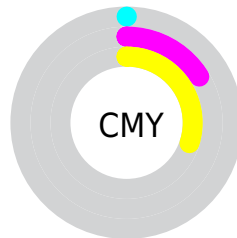


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0629, 0.3703, 0.3652 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 72.0629, 0.3703, 0.3652 by changing the saturation by 10% instead.


 72.0629, 0.3703,
0.3652

 72.0629, 0.3703,
0.3652

467.7605, 0.3435,
0.3490

 53.2101, 0.3764,
0.3687


 122.1460, 0.3610,
0.3597

 37.9705, 0.3840,
0.3730


154.1450, 0.3574,
0.3575

 25.9598, 0.3935,
0.3782

191.2948, 0.3542,
0.3556

 16.7936, 0.4059,
0.3848

233.9799, 0.3515,
0.3540

 10.0874, 0.4226,
0.3930

282.5846, 0.3491,
0.3525

 5.4570, 0.4459,
0.4036

337.4934, 0.3470,

 2.5178, 0.4841,

0.3512

0.4197

399.0905, 0.3452,
0.3501

0.8855, 0.5548,
0.4452

0.0000, 1.0000,
0.0000

72.0629, 0.3703,
0.3652

72.0629, 0.3703,
0.3652

64.4349, 0.3949,
0.3776

80.4881, 0.3485,
0.3527

57.5685, 0.4222,
0.3891

89.7248, 0.3295,
0.3406

51.4400, 0.4515,
0.3988

99.7993, 0.3130,
0.3292

46.0200, 0.4815,
0.4054

99.9979, 0.3127,
0.3290

■ 41.2768, 0.5105,
0.4074

■ 37.1749, 0.5362,
0.4040

■ 33.7248, 0.5571,
0.3958

Harmonies

Analogous

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



72.0629, 0.3704, 0.3422



72.0629, 0.3703, 0.3652



72.0629, 0.3542, 0.3801

Triad

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



72.0629, 0.3703, 0.3652



72.0629, 0.2724, 0.3395



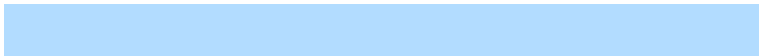
72.0629, 0.2961, 0.2825

Complementary

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



72.0629, 0.3703, 0.3652



67.8791, 0.2646, 0.2897

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.



72.0629, 0.2714, 0.2800



72.0629, 0.3703, 0.3652



72.0629, 0.2583, 0.3113

Square

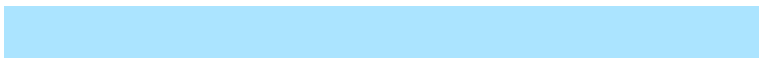
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0629, 0.3703, 0.3652



72.0629, 0.2974, 0.3659



72.0629, 0.2580, 0.2900



72.0629, 0.3263, 0.2959

Rectangle

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



72.0629, 0.3703, 0.3652



72.0629, 0.3370, 0.3825



72.0629, 0.2580, 0.2900



72.0629, 0.2869, 0.2803

Sweetspot

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



72.0662, 0.3703, 0.3652



90.8801, 0.3274, 0.3392



58.2966, 0.3439, 0.2859



19.1503, 0.3300, 0.3410



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.



72.0662, 0.3703, 0.3652



67.5381, 0.3843, 0.3725



93.5558, 0.3595, 0.4013



19.3470, 0.3283, 0.3398



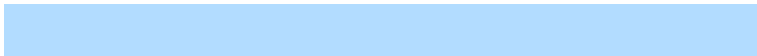
17.9132, 0.5544, 0.3980



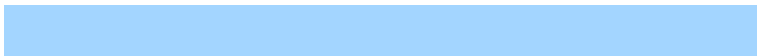
1.9591, 0.5352, 0.4133

Inverse Universe

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



67.8791, 0.2646, 0.2897



62.7549, 0.2553, 0.2807



50.0934, 0.2595, 0.2447



19.0200, 0.2979, 0.3179



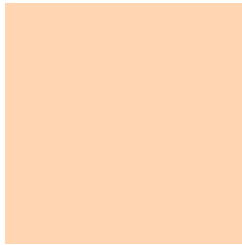
13.7386, 0.1814, 0.1729



1.5562, 0.1867, 0.1921

Previews

White Background



This preview shows how the Yxy color 72.0629, 0.3703, 0.3652 looks on a white background.

Color Contrast Check

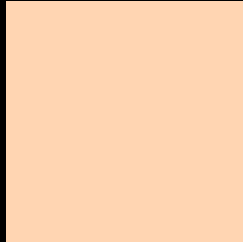
Large Text (above 18pt) WCAG AA × Fail

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 72.0629, 0.3703, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

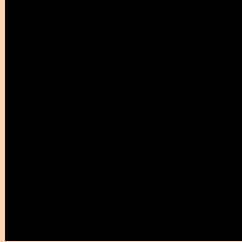
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

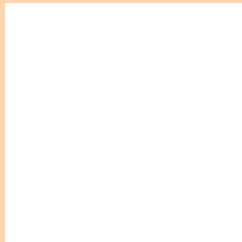
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0629, 0.3703, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 72.0629, 0.3703, 0.3652.

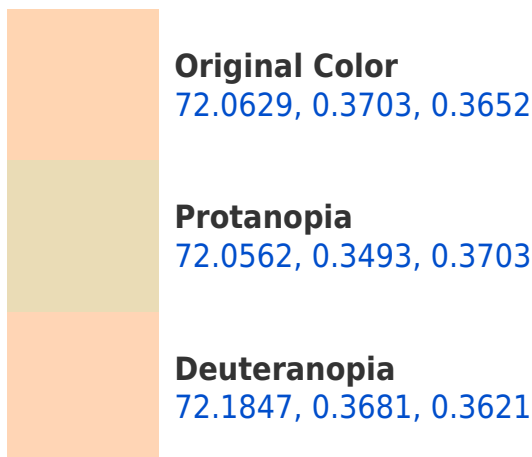


This preview shows how white text looks on a background with the Yxy color 72.0629, 0.3703, 0.3652.

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

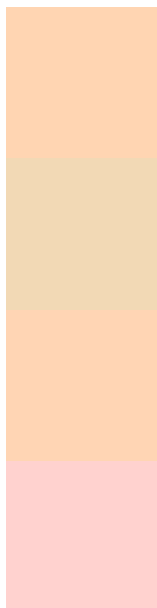




Tritanopia

72.1886, 0.3375, 0.3149

Trichromacy



Original Color

72.0629, 0.3703, 0.3652

Protanomaly

71.8391, 0.3569, 0.3674

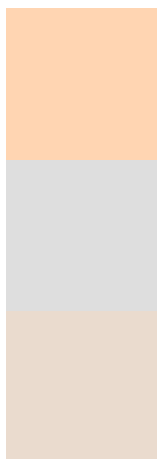
Deuteranomaly

72.1438, 0.3688, 0.3632

Tritanomaly

71.8582, 0.3492, 0.3322

Monochromacy



Original Color

72.0629, 0.3703, 0.3652

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.6117, 0.3325, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0629, 0.3703, 0.3652 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, 213, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 178)  
}
```

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, 213, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 178) }
```

Border

The CSS property to change the border of an element to Yxy 72.0629, 0.3703, 0.3652 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, 213, 178) }
```

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

```
.border{ border-color:rgb(255, 213, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0629, 0.3703, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 178) }
```

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

```
.background{ background-color: rgb(255,  
213, 178) }
```

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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