

Converting Colors

$Y_{xy}(94.2483, 0.4361, 0.3576)$

Have a look what the booklet for
Yxy(94.2483, 0.4361, 0.3576)
contains.

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Color

Yxy(73.0752, 0.3697, 0.3672)

Conversions

Conversions Part 1	
Format	Color
Hex	FFD7B2
RGB	255, 215, 178
RGB Percent	100%, 84%, 70%
CMY	0.0001, 0.1568, 0.3019
CMYK	0.00, 0.16, 0.30, 0.00
HSL	29°, 100%, 85%
HSV	29°, 30%, 100%
XYZ	73.5727, 73.0752, 52.3586
YIQ	222.7420, 35.7170, -3.0270

Conversions

Conversions Part 2

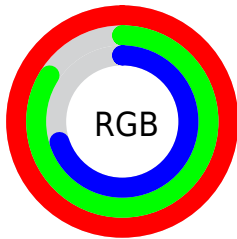
Format	Color
RYB	255, 249, 178
Decimal	16766898
CIELab	88.48, 8.73, 23.45
CIELCh	88, 25.026, 69.589
Yxy	73.0752, 0.3697, 0.3672
Android (android.graphics.Color)	4294956978 (0xFFFFD7B2)
YUV	222.7420, -22.0578, 28.2903
Hunter-Lab	85.4840, 4.0308, 23.5239

Details

The Yxy color **73.0752, 0.3697, 0.3672** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.8258, 0.2644, 0.2874**, and the grayscale version is **73.7416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **38.4926, 0.3832, 0.3753** is the 20% darker color. If you saturate the color by 10%, you get **65.6733, 0.3938, 0.3803**, and if you desaturate by 10%, it is **81.2201, 0.3482, 0.3541**.

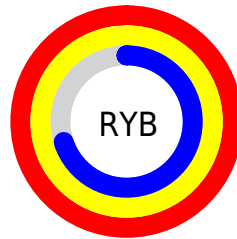
Distribution



Red (100%)

Green (84%)

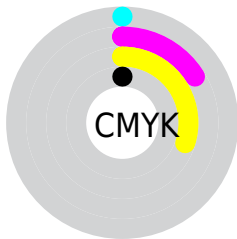
Blue (70%)



Red (100%)

Yellow (98%)

Blue (70%)

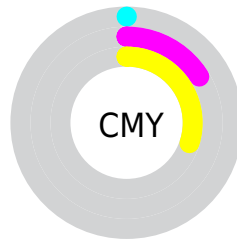


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0752, 0.3697, 0.3672 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 73.0752, 0.3697, 0.3672 by changing the saturation by 10% instead.


 73.0752, 0.3697,
0.3672

 73.0752, 0.3697,
0.3672


471.2754, 0.3433,
0.3501

 54.0375, 0.3757,
0.3709


 123.5840, 0.3605,
0.3614

 38.6316, 0.3831,
0.3755


155.8238, 0.3570,
0.3591

 26.4733, 0.3925,
0.3810


193.2330, 0.3539,
0.3571

 17.1780, 0.4046,
0.3879

236.1962, 0.3512,
0.3554

 10.3615, 0.4207,
0.3968

285.0976, 0.3489,
0.3538

 5.6393, 0.4433,
0.4081


340.3217, 0.3468,


 2.6270, 0.4796,


0.3524


0.4252

402.2528, 0.3449,
0.3512


 0.9403, 0.5468,
0.4532


 0.0000, 1.0000,
0.0000


 73.0752, 0.3697,
0.3672

 73.0752, 0.3697,
0.3672

 65.6733, 0.3938,
0.3803

 81.2201, 0.3482,
0.3541

 58.9810, 0.4203,
0.3925


 90.1202, 0.3294,
0.3413


 52.9766, 0.4485,
0.4028


99.7999, 0.3130,
0.3292

 47.6334, 0.4773,
0.4099

99.9963, 0.3127,
0.3290

 42.9221, 0.5049,
0.4125

 38.8098, 0.5294,
0.4097

 35.3112, 0.5494,
0.4020

Harmonies

Analogous

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



73.0752, 0.3714, 0.3445



73.0752, 0.3697, 0.3672



73.0752, 0.3522, 0.3811

Triad

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



73.0752, 0.3697, 0.3672



73.0752, 0.2704, 0.3368



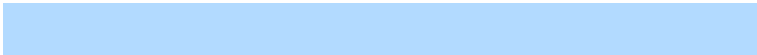
73.0752, 0.2987, 0.2831

Complementary

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



73.0752, 0.3697, 0.3672



66.8258, 0.2644, 0.2874

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.



73.0752, 0.2731, 0.2795



73.0752, 0.3697, 0.3672



73.0752, 0.2574, 0.3088

Square

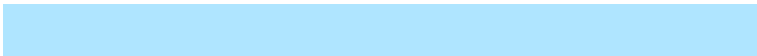
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0752, 0.3697, 0.3672



73.0752, 0.2946, 0.3639



73.0752, 0.2584, 0.2883



73.0752, 0.3292, 0.2975

Rectangle

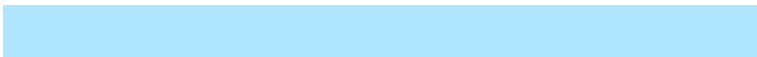
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0752, 0.3697, 0.3672



73.0752, 0.3344, 0.3825



73.0752, 0.2584, 0.2883



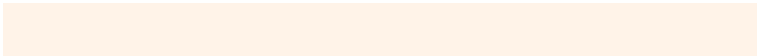
73.0752, 0.2893, 0.2806

Sweetspot

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



73.0786, 0.3697, 0.3672



91.2384, 0.3273, 0.3398



58.2248, 0.3449, 0.2871



19.2384, 0.3299, 0.3416



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.



73.0786, 0.3697, 0.3672



68.6933, 0.3834, 0.3749



94.3535, 0.3592, 0.4024



19.4277, 0.3282, 0.3405



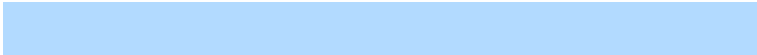
18.7494, 0.5467, 0.4041



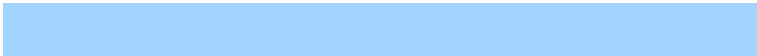
2.0429, 0.5284, 0.4186

Inverse Universe

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



66.8258, 0.2644, 0.2874



61.5556, 0.2549, 0.2779



49.5677, 0.2593, 0.2432



18.9386, 0.2979, 0.3173



12.7588, 0.1789, 0.1639



1.4611, 0.1844, 0.1839

Previews

White Background



This preview shows how the Yxy color 73.0752, 0.3697, 0.3672 looks on a white background.

Color Contrast Check

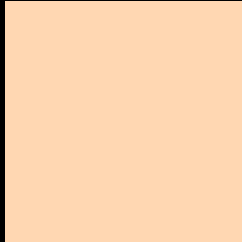
Large Text (above 18pt) WCAG AA × Fail

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 73.0752, 0.3697, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

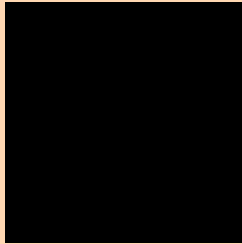
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0752, 0.3697, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 73.0752, 0.3697, 0.3672.



This preview shows how white text looks on a background with the Yxy color 73.0752, 0.3697, 0.3672.

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

73.0752, 0.3697, 0.3672

Protanopia

73.2409, 0.3503, 0.3733

Deuteranopia

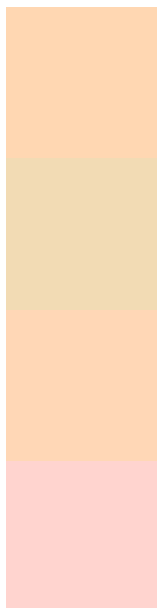
73.3216, 0.3653, 0.3610



Tritanopia

73.2303, 0.3365, 0.3160

Trichromacy



Original Color

73.0752, 0.3697, 0.3672

Protanomaly

72.8356, 0.3571, 0.3705

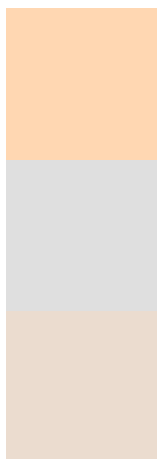
Deuteranomaly

73.2383, 0.3668, 0.3631

Tritanomaly

72.8520, 0.3489, 0.3342

Monochromacy



Original Color

73.0752, 0.3697, 0.3672

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.3536, 0.3325, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0752, 0.3697, 0.3672 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, 215, 178) looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 178) }
```

Border

The CSS property to change the border of an element to Yxy 73.0752, 0.3697, 0.3672 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, 215, 178) }
```

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

```
.border{ border-color:rgb(255, 215, 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, 215, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0752, 0.3697, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 178) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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