

Converting Colors

$Yxy(77.1639, 0.3876, 0.3660)$

Have a look what the booklet for
Yxy(77.1639, 0.3876, 0.3660)
contains.

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Color

Yxy(73.0352, 0.3705, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7B1
RGB	255, 215, 177
RGB Percent	100%, 84%, 69%
CMY	0.0000, 0.1569, 0.3058
CMYK	0.00, 0.16, 0.31, 0.00
HSL	29°, 100%, 85%
HSV	29°, 31%, 100%
XYZ	73.4914, 73.0352, 51.8308
YIQ	222.6280, 36.0380, -3.3380

Conversions

Conversions Part 2

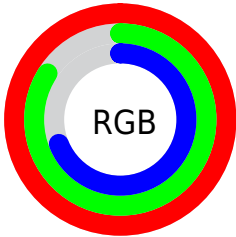
Format	Color
R _Y B	255, 251, 177
Decimal	16766897
CIE Lab	88.46, 8.64, 23.95
CIE LCh	88, 25.461, 70.161
Yxy	73.0352, 0.3705, 0.3682
Android (android.graphics.Color)	4294956977 (0xFFFFD7B1)
YUV	222.6280, -22.4946, 28.3902
Hunter-Lab	85.4606, 3.9440, 23.8638

Details

The Yxy color **73.0352, 0.3705, 0.3682** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.2156, 0.2637, 0.2862**, and the grayscale version is **73.6527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **38.4672, 0.3842, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **65.7060, 0.3945, 0.3814**, and if you desaturate by 10%, it is **81.0756, 0.3490, 0.3549**.

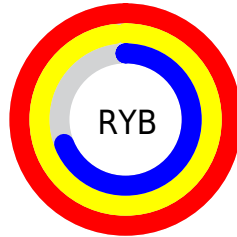
Distribution



Red (100%)

Green (84%)

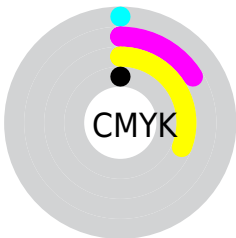
Blue (69%)



Red (100%)

Yellow (98%)

Blue (69%)

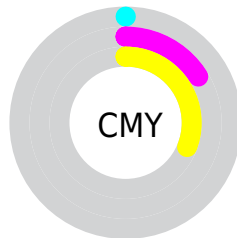


Cyan (0%)

Magenta (16%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0352, 0.3705, 0.3682 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 73.0352, 0.3705, 0.3682 by changing the saturation by 10% instead.


 73.0352, 0.3705,
0.3682

 73.0352, 0.3705,
0.3682


471.1368, 0.3437,
0.3506

 54.0047, 0.3766,
0.3720


 123.5272, 0.3612,
0.3622

 38.6055, 0.3841,
0.3767


155.7575, 0.3576,
0.3599

 26.4529, 0.3936,
0.3824


193.1566, 0.3545,
0.3578

 17.1628, 0.4058,
0.3895

236.1087, 0.3518,
0.3560

 10.3506, 0.4221,
0.3985

284.9985, 0.3494,
0.3545

 5.6320, 0.4448,
0.4100

340.2101, 0.3473,

 2.6227, 0.4820,

0.3530

0.4280

402.1281, 0.3454,
0.3518

0.9381, 0.5462,
0.4538

0.0000, 1.0000,
0.0000

73.0352, 0.3705,
0.3682

73.0352, 0.3705,
0.3682

65.7060, 0.3945,
0.3814

81.0756, 0.3490,
0.3549

59.0828, 0.4209,
0.3937

89.8667, 0.3301,
0.3420

53.1351, 0.4489,
0.4040

99.4233, 0.3136,
0.3297

47.8366, 0.4774,
0.4111

100.0000, 0.3127,
0.3290

■ 43.1583, 0.5046,
0.4137

■ 39.0680, 0.5287,
0.4108

■ 35.7116, 0.5475,
0.4034

Harmonies

Analogous

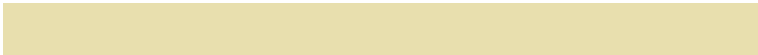
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0352, 0.3726, 0.3453



73.0352, 0.3705, 0.3682



73.0352, 0.3524, 0.3821

Triad

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



73.0352, 0.3705, 0.3682



73.0352, 0.2693, 0.3364



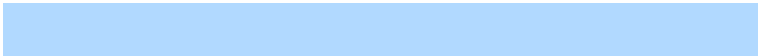
73.0352, 0.2990, 0.2825

Complementary

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



73.0352, 0.3705, 0.3682



66.2156, 0.2637, 0.2862

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.



73.0352, 0.2729, 0.2786



73.0352, 0.3705, 0.3682



73.0352, 0.2564, 0.3080

Square

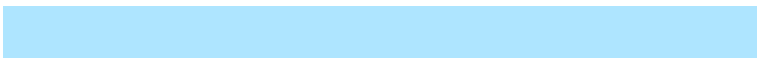
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0352, 0.3705, 0.3682



73.0352, 0.2938, 0.3641



73.0352, 0.2577, 0.2873



73.0352, 0.3301, 0.2973

Rectangle

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



73.0352, 0.3705, 0.3682



73.0352, 0.3342, 0.3834



73.0352, 0.2577, 0.2873



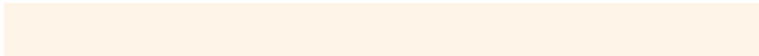
73.0352, 0.2894, 0.2799

Sweetspot

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



73.0293, 0.3705, 0.3682



91.3238, 0.3273, 0.3400



57.7401, 0.3466, 0.2878



19.2594, 0.3299, 0.3418



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.



73.0293, 0.3705, 0.3682



68.2450, 0.3856, 0.3767



95.1289, 0.3594, 0.4045



19.4469, 0.3282, 0.3406



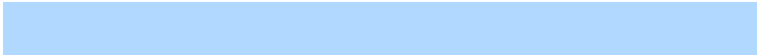
18.9566, 0.5449, 0.4055



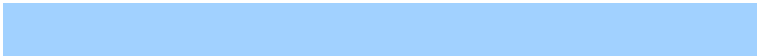
2.0635, 0.5268, 0.4199

Inverse Universe

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



66.2156, 0.2637, 0.2862



60.3943, 0.2531, 0.2755



48.5401, 0.2584, 0.2404



18.9193, 0.2979, 0.3171



12.5345, 0.1783, 0.1618



1.4392, 0.1839, 0.1820

Previews

White Background



This preview shows how the Yxy color 73.0352, 0.3705, 0.3682 looks on a white background.

Color Contrast Check

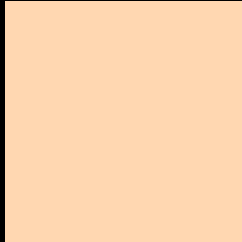
Large Text (above 18pt) WCAG AA × Fail

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 73.0352, 0.3705, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

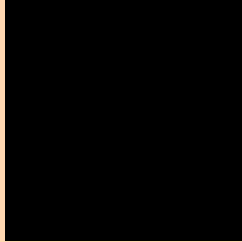
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0352, 0.3705, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 73.0352, 0.3705, 0.3682.



This preview shows how white text looks on a background with the Yxy color 73.0352, 0.3705, 0.3682.

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

73.0352, 0.3705, 0.3682

Protanopia

73.3707, 0.3517, 0.3743

Deuteranopia

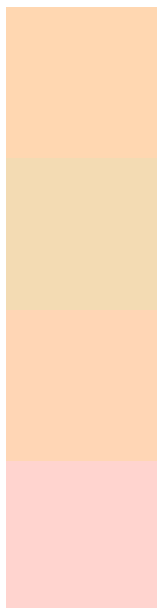
72.7720, 0.3663, 0.3610



Tritanopia

73.2303, 0.3365, 0.3160

Trichromacy



Original Color

73.0352, 0.3705, 0.3682

Protanomaly

72.9724, 0.3586, 0.3715

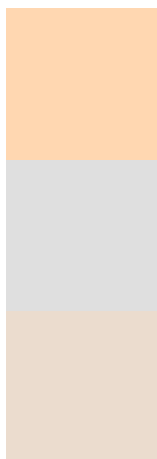
Deuteranomaly

72.6893, 0.3678, 0.3631

Tritanomaly

72.8520, 0.3489, 0.3342

Monochromacy



Original Color

73.0352, 0.3705, 0.3682

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.3048, 0.3332, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0352, 0.3705, 0.3682 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 177) }
```

Border

The CSS property to change the border of an element to Yxy 73.0352, 0.3705, 0.3682 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, 177) }
```

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

```
.border{ border-color:rgb(255, 215, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0352, 0.3705, 0.3682 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
215, 177) }
```

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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