

Converting Colors

$Yxy(78.6910, 0.3878, 0.3645)$

Have a look what the booklet for
Yxy(78.6910, 0.3878, 0.3645)
contains.

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Color

Yxy(73.6264, 0.3687, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8B3
RGB	255, 216, 179
RGB Percent	100%, 85%, 70%
CMY	0.0001, 0.1529, 0.2981
CMYK	0.00, 0.15, 0.30, 0.00
HSL	29°, 100%, 85%
HSV	29°, 30%, 100%
XYZ	73.9272, 73.6264, 52.9541
YIQ	223.4430, 35.1210, -3.2390

Conversions

Conversions Part 2

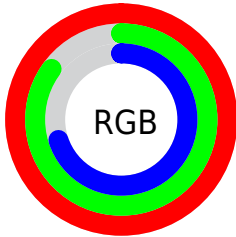
Format	Color
R _Y B	255, 251, 179
Decimal	16767155
CIE Lab	88.75, 8.33, 23.31
CIE LCh	89, 24.760, 70.329
Yxy	73.6264, 0.3687, 0.3672
Android (android.graphics.Color)	4294957235 (0xFFFFD8B3)
YUV	223.4430, -21.9104, 27.6755
Hunter-Lab	85.8058, 3.6289, 23.4739

Details

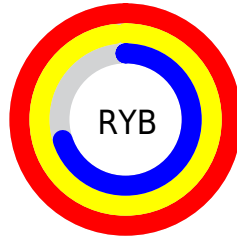
The Yxy color $73.6264, 0.3687, 0.3672$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $66.9219, 0.2649, 0.2874$, and the grayscale version is $74.2640, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7782, 0.3244, 0.3483$, and $38.8664, 0.3818, 0.3753$ is the 20% darker color. If you saturate the color by 10%, you get $66.2557, 0.3926, 0.3804$, and if you desaturate by 10%, it is $81.7278, 0.3474, 0.3539$.

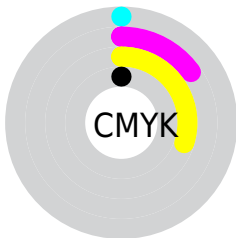
Distribution



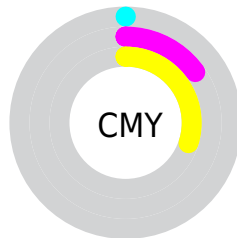
- Red (100%)
- Green (85%)
- Blue (70%)



- Red (100%)
- Yellow (98%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6264, 0.3687, 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 73.6264, 0.3687, 0.3672 by changing the saturation by 10% instead.


 73.6264, 0.3687,
0.3672

 73.6264, 0.3687,
0.3672


473.1829, 0.3428,
0.3501

 54.4883, 0.3746,
0.3709


 124.3661, 0.3597,
0.3614

 38.9922, 0.3819,
0.3755


156.7364, 0.3562,
0.3591

 26.7537, 0.3910,
0.3810


194.2863, 0.3532,
0.3571

 17.3883, 0.4028,
0.3880

237.4002, 0.3506,
0.3553

 10.5117, 0.4186,
0.3969

286.4624, 0.3483,
0.3538

 5.7395, 0.4406,
0.4083

341.8573, 0.3462,

 2.6874, 0.4753,

0.3524

0.4251

403.9694, 0.3444,
0.3512

0.9708, 0.5436,
0.4564

0.0000, 1.0000,
0.0000

73.6264, 0.3687,
0.3672

73.6264, 0.3687,
0.3672

66.2557, 0.3926,
0.3804

81.7278, 0.3474,
0.3539

59.5827, 0.4188,
0.3929

90.5714, 0.3287,
0.3410

53.5864, 0.4467,
0.4034

99.9972, 0.3127,
0.3290

48.2406, 0.4752,
0.4108

■ 43.5168, 0.5025,
0.4138

■ 39.3829, 0.5269,
0.4113

■ 35.7955, 0.5470,
0.4037

■ 35.7304, 0.5474,
0.4035

Harmonies

Analogous

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



73.6264, 0.3708, 0.3450



73.6264, 0.3687, 0.3672



73.6264, 0.3511, 0.3806

Triad

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



73.6264, 0.3687, 0.3672



73.6264, 0.2704, 0.3360



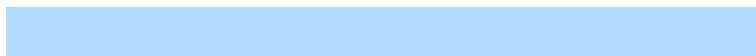
73.6264, 0.2996, 0.2839

Complementary

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



73.6264, 0.3687, 0.3672



66.9219, 0.2649, 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.



73.6264, 0.2741, 0.2801



73.6264, 0.3687, 0.3672



73.6264, 0.2580, 0.3085

Square

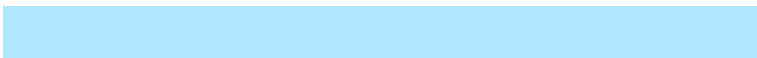
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6264, 0.3687, 0.3672



73.6264, 0.2942, 0.3629



73.6264, 0.2593, 0.2885



73.6264, 0.3298, 0.2983

Rectangle

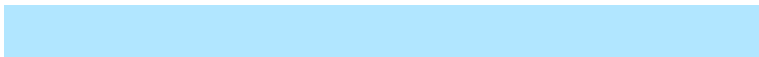
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6264, 0.3687, 0.3672



73.6264, 0.3335, 0.3817



73.6264, 0.2593, 0.2885



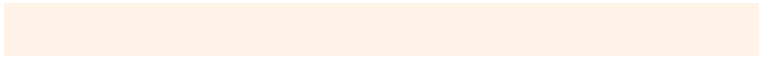
73.6264, 0.2902, 0.2813

Sweetspot

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



73.6298, 0.3687, 0.3672



91.3288, 0.3273, 0.3400



58.5667, 0.3455, 0.2889



19.2607, 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.



73.6298, 0.3687, 0.3672



68.9870, 0.3832, 0.3755



95.2165, 0.3582, 0.4026



19.4481, 0.3282, 0.3406



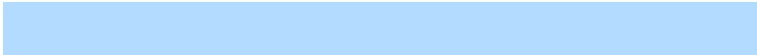
18.9689, 0.5448, 0.4056



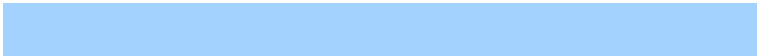
2.0647, 0.5267, 0.4200

Inverse Universe

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



66.9219, 0.2649, 0.2874



61.2564, 0.2548, 0.2771



49.5454, 0.2599, 0.2430



18.9182, 0.2979, 0.3171



12.5214, 0.1783, 0.1617



1.4379, 0.1839, 0.1819

Previews

White Background



This preview shows how the Yxy color 73.6264, 0.3687, 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 73.6264, 0.3687, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

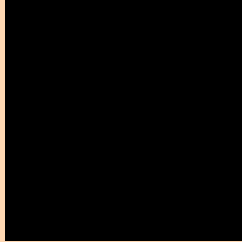
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6264, 0.3687, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 73.6264, 0.3687, 0.3672.



This preview shows how white text looks on a background with the Yxy color 73.6264, 0.3687, 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

73.6264, 0.3687, 0.3672

Protanopia

73.9856, 0.3501, 0.3731

Deuteranopia

73.4060, 0.3638, 0.3589



Tritanopia

73.7832, 0.3356, 0.3160

Trichromacy



Original Color

73.6264, 0.3687, 0.3672

Protanomaly

73.5773, 0.3569, 0.3704

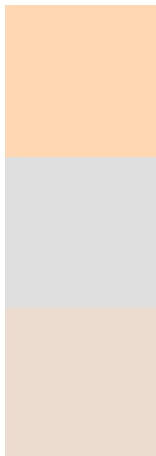
Deuteranomaly

73.2798, 0.3660, 0.3620

Tritanomaly

73.4026, 0.3479, 0.3342

Monochromacy



Original Color

73.6264, 0.3687, 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 73.6264, 0.3687, 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, 216, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 179)  
}
```

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, 216, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 179) }
```

Border

The CSS property to change the border of an element to Yxy 73.6264, 0.3687, 0.3672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

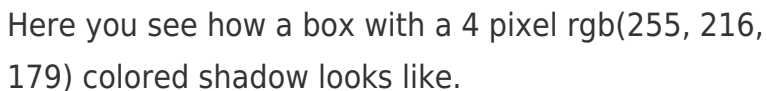
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 216, 179) }
```

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

```
.border{ border-color:rgb(255, 216, 179) }
```

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



Here you see how a box with a 4 pixel rgb(255, 216, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6264, 0.3687, 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, 216, 179) }
```

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

```
.background{ background-color: rgb(255,  
216, 179) }
```

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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