

Converting Colors

$Y_{xy}(74.1641, 0.3671, 0.3651)$

Have a look what the booklet for
Yxy(74.1641, 0.3671, 0.3651)
contains.

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Color

Yxy(74.2631, 0.3662, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B6
RGB	255, 217, 182
RGB Percent	100%, 85%, 71%
CMY	0.0001, 0.1489, 0.2863
CMYK	0.00, 0.15, 0.29, 0.00
HSL	29°, 100%, 86%
HSV	29°, 29%, 100%
XYZ	74.4868, 74.2631, 54.6549
YIQ	224.3720, 33.8830, -2.8290

Conversions

Conversions Part 2

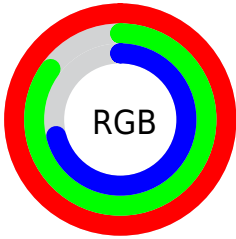
Format	Color
R _Y B	255, 249, 182
Decimal	16767414
CIE Lab	89.05, 8.19, 22.17
CIE LCh	89, 23.634, 69.713
Yxy	74.2631, 0.3662, 0.3651
Android (android.graphics.Color)	4294957494 (0xFFFFD9B6)
YUV	224.3720, -20.8894, 26.8608
Hunter-Lab	86.1760, 3.4796, 22.7201

Details

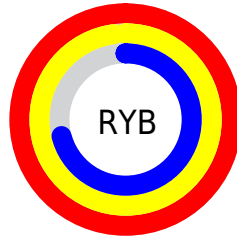
The Yxy color **74.2631, 0.3662, 0.3651** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.3144, 0.2669, 0.2899**, and the grayscale version is **74.9548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **39.2960, 0.3784, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **66.7432, 0.3899, 0.3782**, and if you desaturate by 10%, it is **82.5309, 0.3452, 0.3520**.

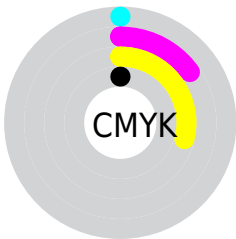
Distribution



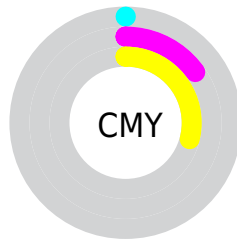
- Red (100%)
- Green (85%)
- Blue (71%)



- Red (100%)
- Yellow (98%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2631, 0.3662, 0.3651 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 74.2631, 0.3662, 0.3651 by changing the saturation by 10% instead.

 74.2631, 0.3662,
0.3651

 74.2631, 0.3662,
0.3651


475.3809, 0.3414,
0.3489

 55.0094, 0.3718,
0.3686


 125.2687, 0.3576,
0.3596

 39.4093, 0.3788,
0.3729


157.7894, 0.3543,
0.3574

 27.0782, 0.3875,
0.3782


195.5012, 0.3514,
0.3556

 17.6320, 0.3988,
0.3848

238.7885, 0.3489,
0.3539

 10.6861, 0.4139,
0.3933

288.0358, 0.3467,
0.3524

 5.8562, 0.4350,
0.4043

343.6273, 0.3447,

 2.7578, 0.4671,

0.3511

0.4194

405.9476, 0.3430,
0.3500

■ 1.0066, 0.5421,
0.4579

■ 0.0000, 1.0000,
0.0000

■ 74.2631, 0.3662,
0.3651

■ 74.2631, 0.3662,
0.3651

■ 66.7432, 0.3899,
0.3782

■ 82.5309, 0.3452,
0.3520

■ 59.9377, 0.4161,
0.3906

■ 91.5583, 0.3267,
0.3394

■ 53.8253, 0.4441,
0.4012

99.9945, 0.3127,
0.3290

■ 48.3794, 0.4729,
0.4089

■ 43.5711, 0.5009,
0.4123

■ 39.3682, 0.5260,
0.4104

■ 35.7304, 0.5469,
0.4030

■ 35.2692, 0.5496,
0.4018

Harmonies

Analogous

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



74.2631, 0.3678, 0.3439



74.2631, 0.3662, 0.3651



74.2631, 0.3498, 0.3779

Triad

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



74.2631, 0.3662, 0.3651



74.2631, 0.2728, 0.3363



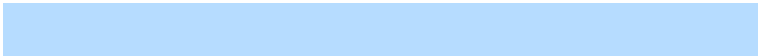
74.2631, 0.2997, 0.2858

Complementary

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



74.2631, 0.3662, 0.3651



68.3144, 0.2669, 0.2899

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.



74.2631, 0.2756, 0.2824



74.2631, 0.3662, 0.3651



74.2631, 0.2606, 0.3101

Square

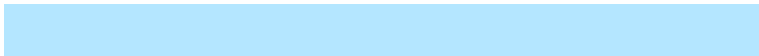
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2631, 0.3662, 0.3651



74.2631, 0.2957, 0.3616



74.2631, 0.2616, 0.2908



74.2631, 0.3284, 0.2994

Rectangle

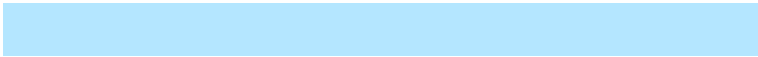
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2631, 0.3662, 0.3651



74.2631, 0.3331, 0.3791



74.2631, 0.2616, 0.2908



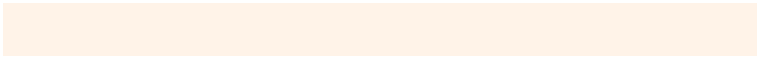
74.2631, 0.2908, 0.2834

Sweetspot

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



74.2665, 0.3662, 0.3651



91.2299, 0.3273, 0.3398



59.9196, 0.3428, 0.2894



19.2363, 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.



74.2665, 0.3662, 0.3651



70.1505, 0.3786, 0.3722



94.5903, 0.3567, 0.3986



19.4258, 0.3282, 0.3404



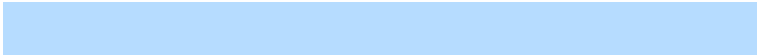
18.7288, 0.5469, 0.4039



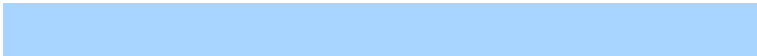
2.0409, 0.5286, 0.4185

Inverse Universe

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



68.3144, 0.2669, 0.2899



63.3593, 0.2581, 0.2812



51.6159, 0.2625, 0.2483



18.9405, 0.2979, 0.3173



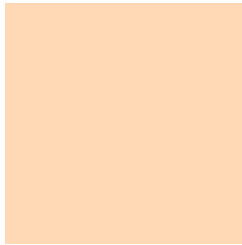
12.7814, 0.1789, 0.1641



1.4633, 0.1845, 0.1841

Previews

White Background



This preview shows how the Yxy color 74.2631, 0.3662, 0.3651 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 74.2631, 0.3662, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

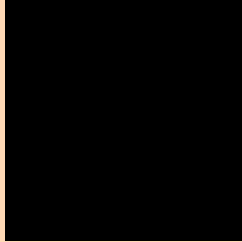
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2631, 0.3662, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 74.2631, 0.3662, 0.3651.



This preview shows how white text looks on a background with the Yxy color 74.2631, 0.3662, 0.3651.

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

74.2631, 0.3662, 0.3651

Protanopia

74.2827, 0.3488, 0.3698

Deuteranopia

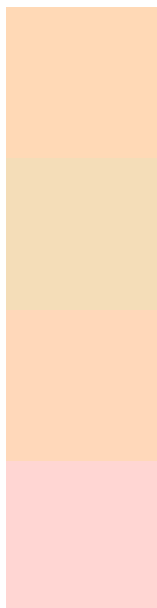
74.0459, 0.3613, 0.3568



Tritanopia

74.3946, 0.3341, 0.3150

Trichromacy



Original Color

74.2631, 0.3662, 0.3651

Protanomaly

74.4067, 0.3553, 0.3681

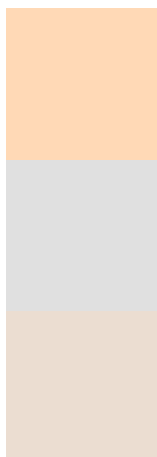
Deuteranomaly

73.9169, 0.3635, 0.3599

Tritanomaly

74.0563, 0.3455, 0.3321

Monochromacy



Original Color

74.2631, 0.3662, 0.3651

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9785, 0.3309, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2631, 0.3662, 0.3651 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, 217, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 182)  
}
```

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, 217, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 182) }
```

Border

The CSS property to change the border of an element to Yxy 74.2631, 0.3662, 0.3651 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, 217, 182) }
```

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

```
.border{ border-color:rgb(255, 217, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2631, 0.3662, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 182) }
```

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

```
.background{ background-color: rgb(255,  
217, 182) }
```

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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