

Converting Colors

$Y_{xy}(129.4504, 0.4845, 0.3510)$

Have a look what the booklet for
Yxy(129.4504, 0.4845, 0.3510)
contains.

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Color

Yxy(76.4336, 0.3637, 0.3670)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFDDB8 |
| RGB | 255, 221, 184 |
| RGB Percent | 100%, 87%, 72% |
| CMY | 0.0000, 0.1333, 0.2786 |
| CMYK | 0.00, 0.13, 0.28, 0.00 |
| HSL | 31°, 100%, 86% |
| HSV | 31°, 28%, 100% |
| XYZ | 75.7463, 76.4336, 56.0860 |
| YIQ | 226.9480, 32.1410, -4.2990 |

Conversions

Conversions Part 2

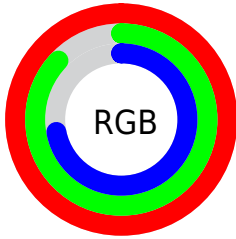
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 249, 255, 184 |
| Decimal | 16768440 |
| CIE Lab | 90.06, 6.41, 22.54 |
| CIE LCh | 90, 23.433, 74.127 |
| Yxy | 76.4336, 0.3637, 0.3670 |
| Android (android.graphics.Color) | 4294958520 (0xFFFFDDB8) |
| YUV | 226.9480, -21.1734, 24.6016 |
| Hunter-Lab | 87.4263, 1.6567, 23.1625 |

Details

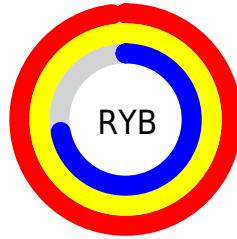
The Yxy color $76.4336, 0.3637, 0.3670$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $67.5244, 0.2678, 0.2877$, and the grayscale version is $76.9147, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.0713, 0.3214, 0.3434$, and $40.7814, 0.3748, 0.3750$ is the 20% darker color. If you saturate the color by 10%, you get $69.2502, 0.3864, 0.3812$, and if you desaturate by 10%, it is $84.2828, 0.3433, 0.3529$.

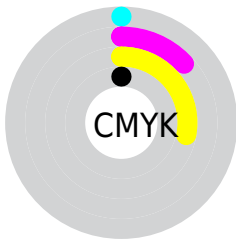
Distribution



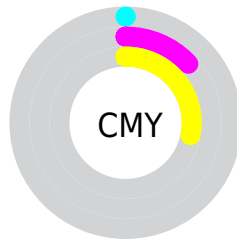
- Red (100%)
- Green (87%)
- Blue (72%)



- Red (98%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4336, 0.3637, 0.3670 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 76.4336, 0.3637, 0.3670 by changing the saturation by 10% instead.


 76.4336, 0.3637,
0.3670

 76.4336, 0.3637,
0.3670


482.8307, 0.3403,
0.3500

 56.7881, 0.3690,
0.3707


 128.3396, 0.3556,
0.3612

 40.8352, 0.3755,
0.3753

161.3690, 0.3524,
0.3589

 28.1903, 0.3836,
0.3809


199.6284, 0.3497,
0.3569

 18.4692, 0.3941,
0.3879

243.5024, 0.3473,
0.3552

 11.2873, 0.4081,
0.3970

293.3751, 0.3452,
0.3537

 6.2605, 0.4275,
0.4089

349.6312, 0.3434,

 3.0041, 0.4559,

0.3523

0.4249

412.6549, 0.3417,
0.3511

■ 1.1339, 0.5289,
0.4711

■ 0.0067, 0.9606,
0.0394

■ 76.4336, 0.3637,
0.3670

■ 76.4336, 0.3637,
0.3670

■ 69.2502, 0.3864,
0.3812

■ 84.2828, 0.3433,
0.3529

■ 62.7052, 0.4113,
0.3947

■ 92.8099, 0.3253,
0.3392

■ 56.7795, 0.4377,
0.4064

100.0000, 0.3127,
0.3290

■ 51.4498, 0.4646,
0.4153

■ 46.6910, 0.4906,
0.4200

■ 42.4747, 0.5139,
0.4194

■ 38.7662, 0.5333,
0.4133

■ 38.0299, 0.5372,
0.4117

Harmonies

Analogous

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



76.4336, 0.3676, 0.3470



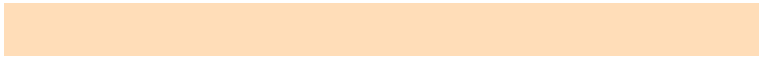
76.4336, 0.3637, 0.3670



76.4336, 0.3458, 0.3779

Triad

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



76.4336, 0.3637, 0.3670



76.4336, 0.2710, 0.3322



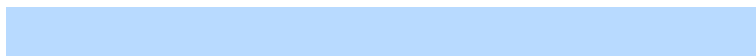
76.4336, 0.3040, 0.2879

Complementary

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



76.4336, 0.3637, 0.3670



67.5244, 0.2678, 0.2877

Split Complementary

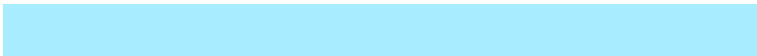
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4336, 0.2792, 0.2830



76.4336, 0.3637, 0.3670



76.4336, 0.2608, 0.3071

Square

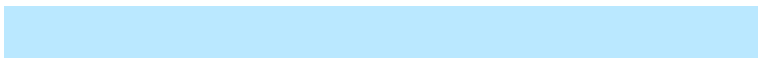
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4336, 0.3637, 0.3670



76.4336, 0.2922, 0.3578



76.4336, 0.2638, 0.2895



76.4336, 0.3322, 0.3025

Rectangle

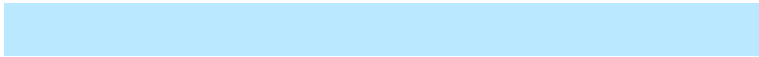
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4336, 0.3637, 0.3670



76.4336, 0.3288, 0.3776



76.4336, 0.2638, 0.2895



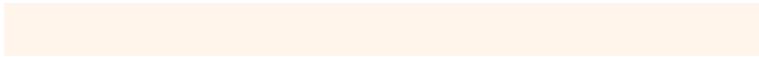
76.4336, 0.2950, 0.2850

Sweetspot

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



76.4360, 0.3637, 0.3670



92.6843, 0.3255, 0.3394



60.6024, 0.3447, 0.2940



19.5545, 0.3281, 0.3414



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.



76.4360, 0.3637, 0.3670



72.6599, 0.3751, 0.3743



96.0152, 0.3542, 0.3991



19.5545, 0.3281, 0.3414



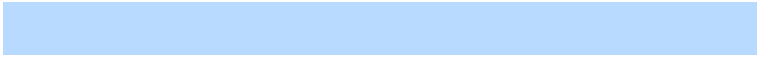
20.1725, 0.5347, 0.4136



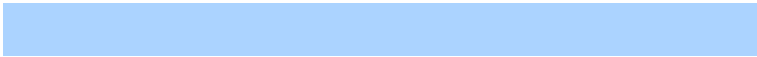
2.1830, 0.5180, 0.4269

Inverse Universe

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



67.5244, 0.2678, 0.2877



62.5074, 0.2592, 0.2787



51.8173, 0.2646, 0.2482



18.8118, 0.2979, 0.3163



11.3430, 0.1751, 0.1503



1.3216, 0.1809, 0.1714

Previews

White Background



This preview shows how the Yxy color 76.4336, 0.3637, 0.3670 looks on a white background.

Color Contrast Check

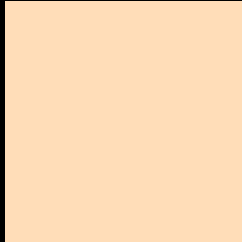
Large Text (above 18pt) WCAG AA × Fail

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 76.4336, 0.3637, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

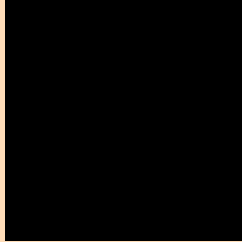
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.4336, 0.3637, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 76.4336, 0.3637, 0.3670.

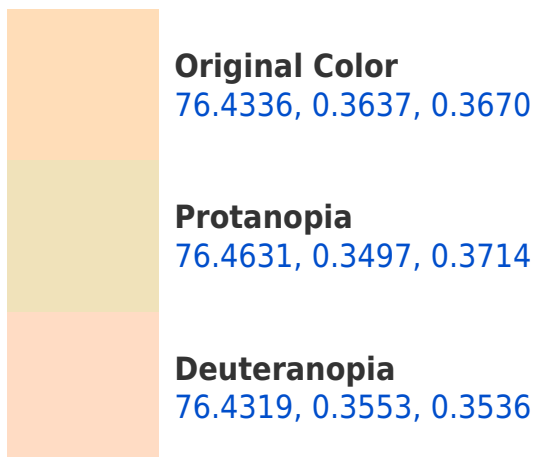


This preview shows how white text looks on a background with the Yxy color 76.4336, 0.3637, 0.3670.

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

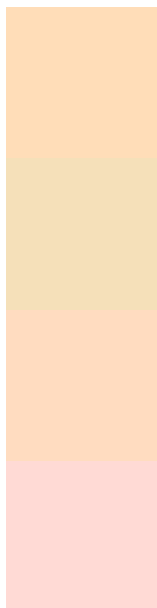




Tritanopia

76.5989, 0.3315, 0.3161

Trichromacy



Original Color

76.4336, 0.3637, 0.3670

Protanomaly

76.2266, 0.3546, 0.3699

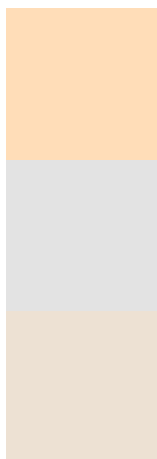
Deuteranomaly

76.2522, 0.3582, 0.3577

Tritanomaly

76.2069, 0.3434, 0.3342

Monochromacy



Original Color

76.4336, 0.3637, 0.3670

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5581, 0.3305, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4336, 0.3637, 0.3670 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, 221, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 184)  
}
```

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, 221, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 184) }
```

Border

The CSS property to change the border of an element to Yxy 76.4336, 0.3637, 0.3670 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, 221, 184) }
```

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

```
.border{ border-color:rgb(255, 221, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4336, 0.3637, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 184) }
```

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

```
.background{ background-color: rgb(255,  
221, 184) }
```

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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