

Converting Colors

$Y_{xy}(76.5052, 0.3660, 0.3710)$

Have a look what the booklet for
Yxy(76.5052, 0.3660, 0.3710)
contains.

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Color

Yxy(76.2682, 0.3665, 0.3711)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDB4
RGB	255, 221, 180
RGB Percent	100%, 87%, 71%
CMY	0.0002, 0.1332, 0.2941
CMYK	0.00, 0.13, 0.29, 0.00
HSL	33°, 100%, 85%
HSV	33°, 29%, 100%
XYZ	75.3228, 76.2682, 53.9283
YIQ	226.4920, 33.4250, -5.5430

Conversions

Conversions Part 2

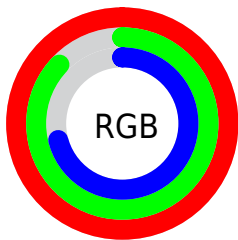
Format	Color
R _Y B	242, 255, 180
Decimal	16768436
CIE Lab	89.98, 5.87, 24.49
CIE LCh	90, 25.185, 76.514
Yxy	76.2682, 0.3665, 0.3711
Android (android.graphics.Color)	4294958516 (0xFFFFDDB4)
YUV	226.4920, -22.9206, 25.0015
Hunter-Lab	87.3317, 1.1243, 24.5199

Details

The Yxy color **76.2682, 0.3665, 0.3711** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.9793, 0.2650, 0.2828**, and the grayscale version is **76.5782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **40.6751, 0.3786, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **69.4385, 0.3891, 0.3859**, and if you desaturate by 10%, it is **83.7151, 0.3461, 0.3563**.

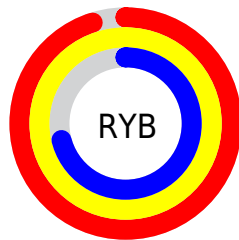
Distribution



Red (100%)

Green (87%)

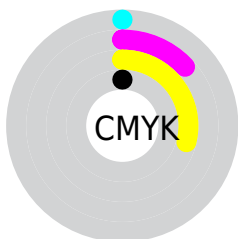
Blue (71%)



Red (95%)

Yellow (100%)

Blue (71%)

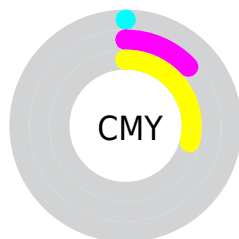


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2682, 0.3665, 0.3711 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 76.2682, 0.3665, 0.3711 by changing the saturation by 10% instead.


 76.2682, 0.3665,
0.3711

 76.2682, 0.3665,
0.3711


482.2653, 0.3418,
0.3522

 56.6525, 0.3721,
0.3752


 128.1060, 0.3580,
0.3647

 40.7263, 0.3789,
0.3803


161.0967, 0.3547,
0.3621

 28.1053, 0.3874,
0.3864


199.3147, 0.3518,
0.3599

 18.4050, 0.3984,
0.3942

243.1442, 0.3493,
0.3580

 11.2412, 0.4129,
0.4042

292.9696, 0.3471,
0.3563

 6.2293, 0.4329,
0.4172

349.1753, 0.3451,

 2.9850, 0.4628,

0.3548

0.4355

412.1457, 0.3434,
0.3534

■ 1.1239, 0.5256,
0.4744

■ 0.0000, 1.0000,
0.0000

■ 76.2682, 0.3665,
0.3711

■ 76.2682, 0.3665,
0.3711

■ 69.4385, 0.3891,
0.3859

■ 83.7151, 0.3461,
0.3563

■ 63.1966, 0.4135,
0.3998

■ 91.7865, 0.3279,
0.3419

■ 57.5260, 0.4391,
0.4118

99.9921, 0.3127,
0.3290

■ 52.4049, 0.4648,
0.4207

■ 47.8093, 0.4892,
0.4251

■ 43.7124, 0.5107,
0.4243

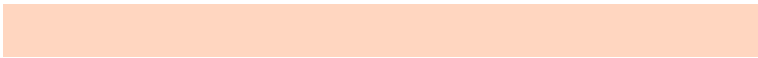
■ 40.0775, 0.5285,
0.4182

■ 39.8726, 0.5295,
0.4178

Harmonies

Analogous

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



76.2682, 0.3721, 0.3501



76.2682, 0.3665, 0.3711



76.2682, 0.3462, 0.3819

Triad

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



76.2682, 0.3665, 0.3711



76.2682, 0.2666, 0.3301



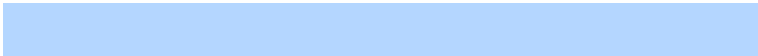
76.2682, 0.3056, 0.2859

Complementary

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



76.2682, 0.3665, 0.3711



64.9793, 0.2650, 0.2828

Split Complementary

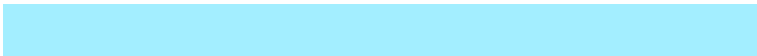
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2682, 0.2785, 0.2797



76.2682, 0.3665, 0.3711



76.2682, 0.2568, 0.3034

Square

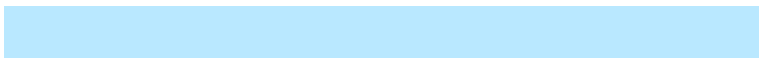
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2682, 0.3665, 0.3711



76.2682, 0.2885, 0.3581



76.2682, 0.2611, 0.2855



76.2682, 0.3360, 0.3022

Rectangle

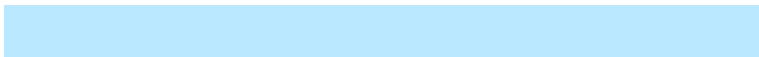
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2682, 0.3665, 0.3711



76.2682, 0.3275, 0.3809



76.2682, 0.2611, 0.2855



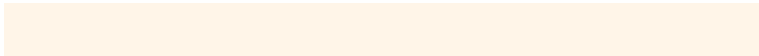
76.2682, 0.2958, 0.2825

Sweetspot

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



76.2717, 0.3665, 0.3711



92.1582, 0.3272, 0.3413



58.7983, 0.3481, 0.2932



19.4649, 0.3297, 0.3434



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.



76.2717, 0.3665, 0.3711



72.3989, 0.3789, 0.3794



95.5701, 0.3556, 0.4032



19.6349, 0.3281, 0.3420



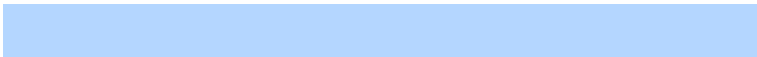
21.1445, 0.5272, 0.4196



2.2772, 0.5115, 0.4321

Inverse Universe

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



64.9793, 0.2650, 0.2828



59.5172, 0.2555, 0.2724



49.8637, 0.2623, 0.2432



18.7322, 0.2979, 0.3156



10.5215, 0.1728, 0.1420



1.2392, 0.1788, 0.1636

Previews

White Background



This preview shows how the Yxy color 76.2682, 0.3665, 0.3711 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 76.2682, 0.3665, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

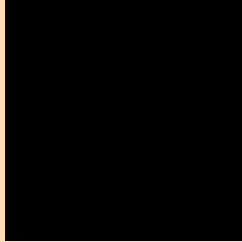
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2682, 0.3665, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 76.2682, 0.3665, 0.3711.

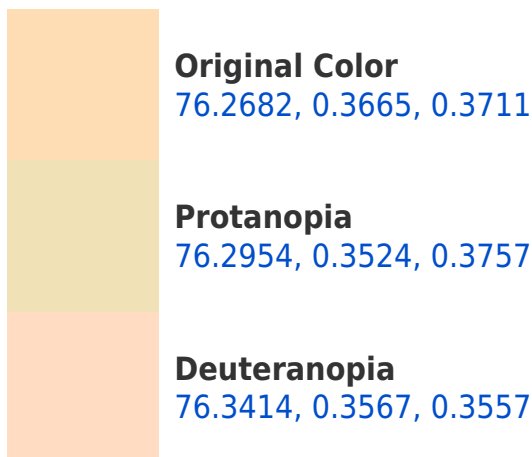


This preview shows how white text looks on a background with the Yxy color 76.2682, 0.3665, 0.3711.

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

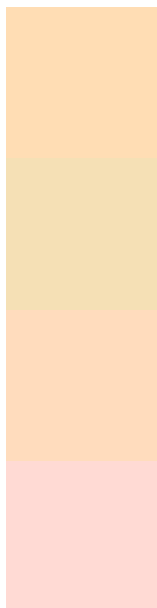




Tritanopia

76.0849, 0.3316, 0.3151

Trichromacy



Original Color

76.2682, 0.3665, 0.3711

Protanomaly

76.0600, 0.3574, 0.3742

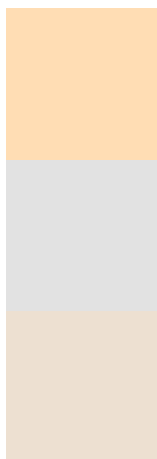
Deuteranomaly

76.1205, 0.3603, 0.3608

Tritanomaly

76.1563, 0.3441, 0.3352

Monochromacy



Original Color

76.2682, 0.3665, 0.3711

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9193, 0.3320, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2682, 0.3665, 0.3711 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 180) }
```

Border

The CSS property to change the border of an element to Yxy 76.2682, 0.3665, 0.3711 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, 180) }
```

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

```
.border{ border-color:rgb(255, 221, 180) }
```

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, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2682, 0.3665, 0.3711 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
221, 180) }
```

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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