

Converting Colors

$Y_{xy}(76.0230, 0.3617, 0.3628)$

Have a look what the booklet for
Yxy(76.0230, 0.3617, 0.3628)
contains.

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Color

Yxy(76.0343, 0.3618, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCBB
RGB	255, 220, 187
RGB Percent	100%, 86%, 73%
CMY	0.0000, 0.1372, 0.2668
CMYK	0.00, 0.14, 0.27, 0.00
HSL	29°, 100%, 87%
HSV	29°, 27%, 100%
XYZ	75.8038, 76.0343, 57.6805
YIQ	226.7030, 31.4530, -2.8430

Conversions

Conversions Part 2

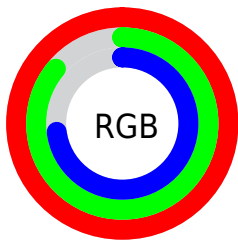
Format	Color
R _Y B	255, 251, 187
Decimal	16768187
CIE Lab	89.88, 7.32, 20.72
CIE LCh	90, 21.972, 70.530
Yxy	76.0343, 0.3618, 0.3629
Android (android.graphics.Color)	4294958267 (0xFFFFDCBB)
YUV	226.7030, -19.5736, 24.8165
Hunter-Lab	87.1976, 2.5801, 21.8185

Details

The Yxy color **76.0343, 0.3618, 0.3629** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.0098, 0.2701, 0.2925**, and the grayscale version is **76.7157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **40.5018, 0.3724, 0.3699** is the 20% darker color. If you saturate the color by 10%, you get **68.4202, 0.3849, 0.3762**, and if you desaturate by 10%, it is **84.3852, 0.3413, 0.3497**.

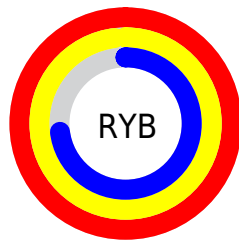
Distribution



Red (100%)

Green (86%)

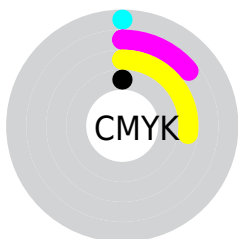
Blue (73%)



Red (100%)

Yellow (98%)

Blue (73%)

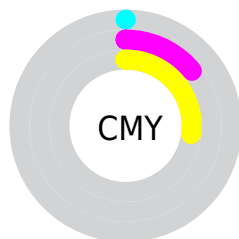


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0343, 0.3618, 0.3629 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 76.0343, 0.3618, 0.3629 by changing the saturation by 10% instead.


 76.0343, 0.3618,
0.3629

 76.0343, 0.3618,
0.3629


481.4651, 0.3392,
0.3477

 56.4606, 0.3669,
0.3662


 127.7754, 0.3540,
0.3577

 40.5724, 0.3732,
0.3703


160.7116, 0.3509,
0.3557

 27.9851, 0.3812,
0.3752


198.8708, 0.3483,
0.3539

 18.3144, 0.3914,
0.3815

242.6373, 0.3460,
0.3524

 11.1760, 0.4052,
0.3896

292.3957, 0.3440,
0.3510

 6.1853, 0.4244,
0.4003

348.5301, 0.3422,

 2.9581, 0.4527,

0.3498

0.4145

411.4251, 0.3406,
0.3487

■ 1.1099, 0.5349,
0.4651

■ 0.0000, 1.0000,
0.0000

■ 76.0343, 0.3618,
0.3629

■ 76.0343, 0.3618,
0.3629

■ 68.4202, 0.3849,
0.3762

■ 84.3852, 0.3413,
0.3497

■ 61.5167, 0.4104,
0.3889

■ 93.4906, 0.3234,
0.3371

■ 55.3009, 0.4380,
0.4001

100.0000, 0.3127,
0.3290

■ 49.7471, 0.4665,
0.4086

■ 44.8275, 0.4945,
0.4131

■ 40.5111, 0.5201,
0.4123

■ 36.7619, 0.5415,
0.4060

■ 35.6280, 0.5479,
0.4031

Harmonies

Analogous

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



76.0343, 0.3636, 0.3435



76.0343, 0.3618, 0.3629



76.0343, 0.3464, 0.3743

Triad

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



76.0343, 0.3618, 0.3629



76.0343, 0.2754, 0.3351



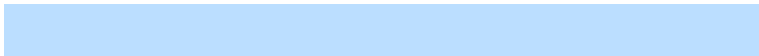
76.0343, 0.3014, 0.2892

Complementary

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



76.0343, 0.3618, 0.3629



70.0098, 0.2701, 0.2925

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.



76.0343, 0.2789, 0.2858



76.0343, 0.3618, 0.3629



76.0343, 0.2644, 0.3111

Square

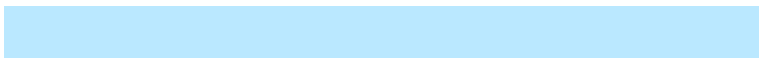
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0343, 0.3618, 0.3629



76.0343, 0.2964, 0.3585



76.0343, 0.2656, 0.2934



76.0343, 0.3280, 0.3020

Rectangle

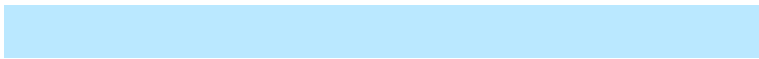
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0343, 0.3618, 0.3629



76.0343, 0.3309, 0.3750



76.0343, 0.2656, 0.2934



76.0343, 0.2932, 0.2869

Sweetspot

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



76.0355, 0.3618, 0.3629



92.2407, 0.3256, 0.3387



62.0713, 0.3412, 0.2933



19.4429, 0.3282, 0.3406



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.



76.0355, 0.3618, 0.3629



71.8910, 0.3738, 0.3700



95.6456, 0.3535, 0.3949



19.4429, 0.3282, 0.3406



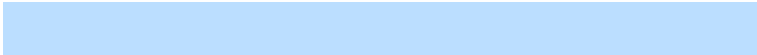
18.9127, 0.5453, 0.4052



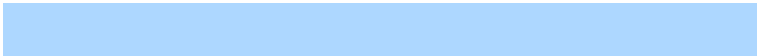
2.0591, 0.5272, 0.4196

Inverse Universe

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



70.0098, 0.2701, 0.2925



64.9448, 0.2613, 0.2840



53.7955, 0.2663, 0.2533



18.9234, 0.2979, 0.3172



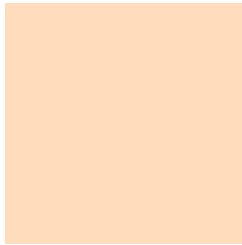
12.5814, 0.1784, 0.1622



1.4438, 0.1840, 0.1824

Previews

White Background



This preview shows how the Yxy color 76.0343, 0.3618, 0.3629 looks on a white background.

Color Contrast Check

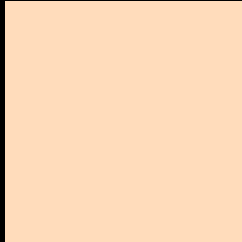
Large Text (above 18pt) WCAG AA × Fail

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 76.0343, 0.3618, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

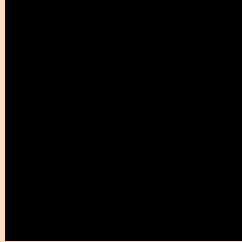
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0343, 0.3618, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 76.0343, 0.3618, 0.3629.

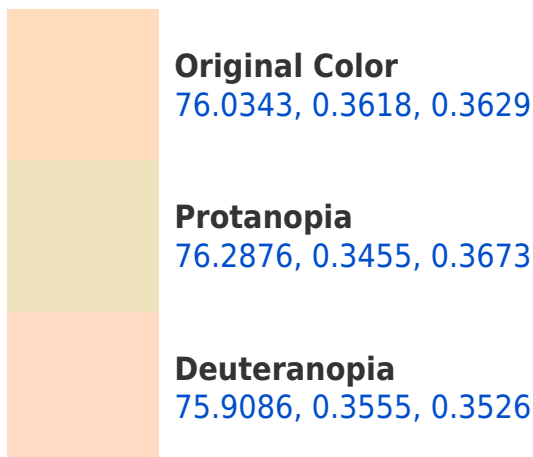


This preview shows how white text looks on a background with the Yxy color 76.0343, 0.3618, 0.3629.

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

76.0343, 0.3618, 0.3629

Protanomaly

76.2185, 0.3511, 0.3658

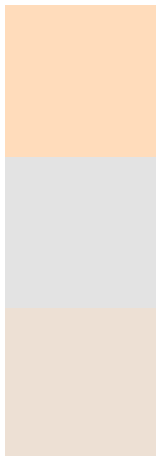
Deuteranomaly

75.7733, 0.3577, 0.3557

Tritanomaly

75.7407, 0.3429, 0.3321

Monochromacy



Original Color

76.0343, 0.3618, 0.3629

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0693, 0.3300, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0343, 0.3618, 0.3629 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, 220, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 187)  
}
```

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, 220, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 187) }
```

Border

The CSS property to change the border of an element to Yxy 76.0343, 0.3618, 0.3629 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, 220, 187) }
```

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

```
.border{ border-color:rgb(255, 220, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0343, 0.3618, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 187) }
```

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

```
.background{ background-color: rgb(255,  
220, 187) }
```

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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