

# Converting Colors

$Yxy(70.0904, 0.3619, 0.3613)$

Have a look what the booklet for  
Yxy(70.0904, 0.3619, 0.3613)  
contains.

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# Color

**Yxy(70.1973, 0.3621, 0.3618)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7D4B5
RGB	247, 212, 181
RGB Percent	97%, 83%, 71%
CMY	0.0312, 0.1687, 0.2901
CMYK	0.00, 0.14, 0.27, 0.03
HSL	28°, 81%, 84%
HSV	28°, 27%, 97%
XYZ	70.2555, 70.1973, 53.5696
YIQ	218.9310, 30.8110, -2.2210

# Conversions

## Conversions Part 2

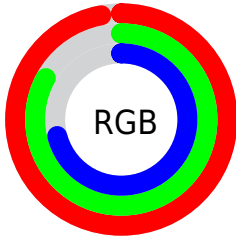
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 239, 181
Decimal	16241845
CIE Lab	87.09, 7.71, 19.86
CIE LCh	87, 21.305, 68.774
Yxy	70.1973, 0.3621, 0.3618
Android (android.graphics.Color)	4294431925 (0xFFFF7D4B5)
YUV	218.9310, -18.7000, 24.6165
Hunter-Lab	83.7838, 3.0564, 20.7399

# Details

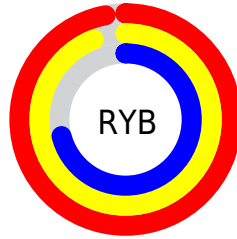
The Yxy color **70.1973, 0.3621, 0.3618** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.6947, 0.2702, 0.2937**, and the grayscale version is **70.9097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **36.6196, 0.3744, 0.3686** is the 20% darker color. If you saturate the color by 10%, you get **62.9810, 0.3854, 0.3746**, and if you desaturate by 10%, it is **78.1327, 0.3415, 0.3491**.

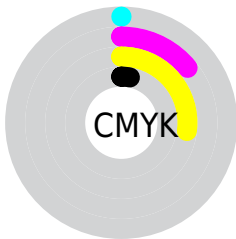
# Distribution



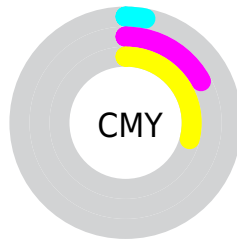
- Red (97%)
- Green (83%)
- Blue (71%)



- Red (97%)
- Yellow (94%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (3%)




- Cyan (3%)
- Magenta (17%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1973, 0.3621, 0.3618 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 70.1973, 0.3621, 0.3618 by changing the saturation by 10% instead.



 70.1973, 0.3621,  
0.3618

 70.1973, 0.3621,  
0.3618


461.2425, 0.3390,  
0.3469

 51.6874, 0.3674,  
0.3651


 119.4901, 0.3540,  
0.3567

 36.7560, 0.3740,  
0.3691


151.0417, 0.3509,  
0.3547

 25.0186, 0.3824,  
0.3741


187.7094, 0.3482,  
0.3530

 16.0909, 0.3933,  
0.3805

229.8776, 0.3459,  
0.3515

 9.5885, 0.4081,  
0.3887

277.9306, 0.3439,  
0.3501

 5.1270, 0.4292,  
0.3997

332.2528, 0.3420,

 2.3220, 0.4633,

0.3489

0.4162

393.2286, 0.3404,  
0.3479

0.7853, 0.5443,  
0.4557

0.0000, 0.0000,  
0.0000

70.1973, 0.3621,  
0.3618

70.1973, 0.3621,  
0.3618

62.9810, 0.3854,  
0.3746

78.1327, 0.3415,  
0.3491

56.4519, 0.4114,  
0.3869

86.7985, 0.3235,  
0.3368

50.5900, 0.4395,  
0.3978

96.2096, 0.3079,  
0.3255

45.3701, 0.4687,  
0.4059

98.5230, 0.3078,  
0.3290

■ 40.7650, 0.4975,  
0.4100

■ 36.7445, 0.5239,  
0.4089

■ 33.2737, 0.5460,  
0.4023

■ 32.2453, 0.5526,  
0.3994

# Harmonies

## Analogous

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



70.1973, 0.3631, 0.3422



70.1973, 0.3621, 0.3618



70.1973, 0.3475, 0.3737

# Triad

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



70.1973, 0.3621, 0.3618



70.1973, 0.2765, 0.3366



70.1973, 0.3000, 0.2888

# Complementary

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



70.1973, 0.3621, 0.3618



65.6947, 0.2702, 0.2937

# 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.



70.1973, 0.2780, 0.2861



70.1973, 0.3621, 0.3618



70.1973, 0.2649, 0.3124

# Square

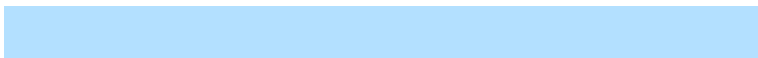
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1973, 0.3621, 0.3618



70.1973, 0.2979, 0.3595



70.1973, 0.2654, 0.2943



70.1973, 0.3264, 0.3012



# Rectangle

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



70.1973, 0.3621, 0.3618



70.1973, 0.3323, 0.3750



70.1973, 0.2654, 0.2943



70.1973, 0.2919, 0.2868

# Sweetspot

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



70.2005, 0.3621, 0.3618



92.0378, 0.3256, 0.3384



57.8067, 0.3403, 0.2922



19.3918, 0.3283, 0.3402



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.



70.2005, 0.3621, 0.3618



71.2166, 0.3742, 0.3687



88.3326, 0.3537, 0.3939



17.7641, 0.3282, 0.3401



17.3249, 0.5498, 0.4016

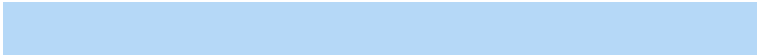


1.7266, 0.5293, 0.4179

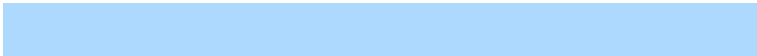


# Inverse Universe

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



65.6947, 0.2702, 0.2937



65.6346, 0.2615, 0.2855



50.5000, 0.2664, 0.2546



17.3836, 0.2980, 0.3176



12.4446, 0.1801, 0.1682

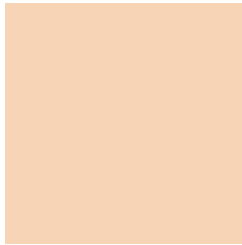


1.2995, 0.1861, 0.1898



# Previews

## White Background



This preview shows how the Yxy color 70.1973, 0.3621, 0.3618 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

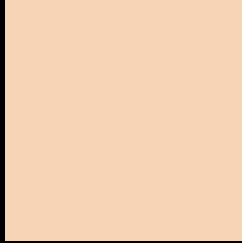
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 70.1973, 0.3621, 0.3618 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

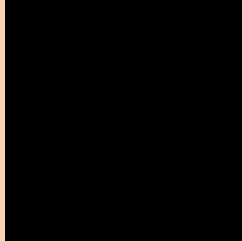
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 70.1973, 0.3621, 0.3618**

## **Background**



This preview shows how black text looks on a background with the Yxy color 70.1973, 0.3621, 0.3618.

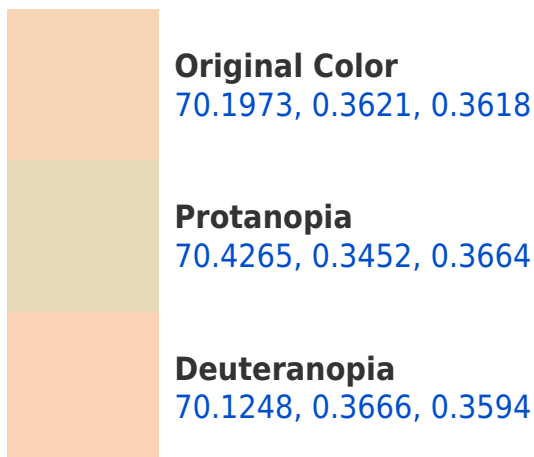


This preview shows how white text looks on a background with the Yxy color 70.1973, 0.3621, 0.3618.

# 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

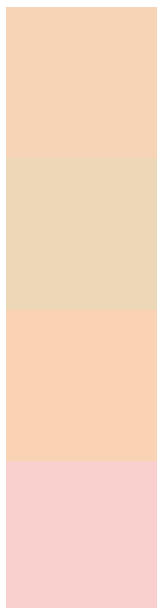




## Tritanopia

70.1120, 0.3363, 0.3127

# Trichromacy



## Original Color

70.1973, 0.3621, 0.3618

## Protanomaly

70.3635, 0.3510, 0.3648

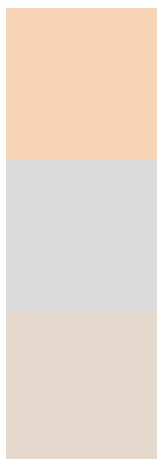
## Deuteranomaly

70.2487, 0.3647, 0.3605

## Tritanomaly

69.9407, 0.3457, 0.3301

# Monochromacy



## Original Color

70.1973, 0.3621, 0.3618

## Achromatopsia

70.8376, 0.3127, 0.3290

## Achromatomaly

70.1775, 0.3299, 0.3410

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 70.1973, 0.3621, 0.3618 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(247, 212, 181)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 181)  
}
```

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(247, 212, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 181) }
```

## Border

The CSS property to change the border of an element to Yxy 70.1973, 0.3621, 0.3618 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(247, 212, 181) }
```

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

```
.border{ border-color:rgb(247, 212, 181) }
```

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

Here you see how a box with a 4 pixel rgb(247, 212, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 181);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
181) }
```



# Background

The CSS property to change the background color of an element to Yxy 70.1973, 0.3621, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 181) }
```

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

```
.background{ background-color: rgb(247,  
212, 181) }
```

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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