

# Converting Colors

$Y_{xy}(72.0653, 0.3543, 0.3554)$

Have a look what the booklet for  
Yxy(72.0653, 0.3543, 0.3554)  
contains.

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# Color

**Yxy(72.0927, 0.3546, 0.3553)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7D7BE
RGB	247, 215, 190
RGB Percent	97%, 84%, 75%
CMY	0.0315, 0.1568, 0.2547
CMYK	0.00, 0.13, 0.23, 0.03
HSL	26°, 78%, 86%
HSV	26°, 23%, 97%
XYZ	71.9507, 72.0927, 58.8632
YIQ	221.7180, 27.0970, -0.9910

# Conversions

## Conversions Part 2

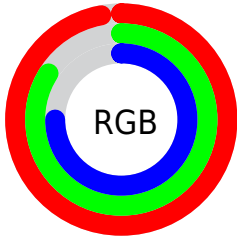
Format	Color
R <sub>Y</sub> B	247, 235, 190
Decimal	16242622
CIE Lab	88.01, 7.36, 16.41
CIE LCh	88, 17.981, 65.849
Yxy	72.0927, 0.3546, 0.3553
Android (android.graphics.Color)	4294432702 (0xFFFF7D7BE)
YUV	221.7180, -15.6370, 22.1723
Hunter-Lab	84.9074, 2.6732, 18.3316

# Details

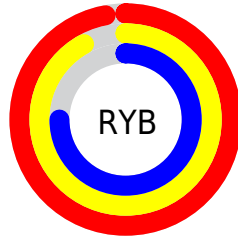
The Yxy color **72.0927, 0.3546, 0.3553** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9173, 0.2763, 0.3012**, and the grayscale version is **72.9381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **37.8949, 0.3643, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **64.3390, 0.3774, 0.3674**, and if you desaturate by 10%, it is **80.6347, 0.3347, 0.3435**.

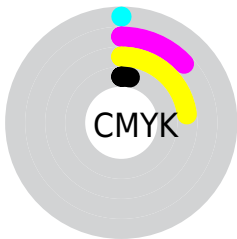
# Distribution



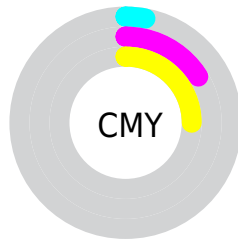
- Red (97%)
- Green (84%)
- Blue (75%)



- Red (97%)
- Yellow (92%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (3%)




- Cyan (3%)
- Magenta (16%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0927, 0.3546, 0.3553 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 72.0927, 0.3546, 0.3553 by changing the saturation by 10% instead.





 72.0927, 0.3546,  
0.3553

 72.0927, 0.3546,  
0.3553

467.8642, 0.3351,  
0.3434

 53.2344, 0.3591,  
0.3579


 122.1883, 0.3478,  
0.3512

 37.9899, 0.3646,  
0.3612


154.1944, 0.3452,  
0.3496

 25.9749, 0.3717,  
0.3652


191.3519, 0.3429,  
0.3482

 16.8048, 0.3809,  
0.3703

234.0452, 0.3409,  
0.3470

 10.0954, 0.3934,  
0.3770

282.6587, 0.3392,  
0.3460

 5.4623, 0.4114,  
0.3862

337.5768, 0.3377,

 2.5210, 0.4390,

0.3450

0.3988

399.1838, 0.3363,  
0.3442

0.8871, 0.5387,  
0.4613

0.0000, 0.0000,  
0.0000

72.0927, 0.3546,  
0.3553

72.0927, 0.3546,  
0.3553

64.3390, 0.3774,  
0.3674

80.6347, 0.3347,  
0.3435

57.3398, 0.4031,  
0.3792

89.9779, 0.3175,  
0.3323

51.0730, 0.4315,  
0.3899

98.5104, 0.3078,  
0.3290

45.5115, 0.4618,  
0.3985

■ 40.6261, 0.4925,  
0.4035

■ 36.3850, 0.5215,  
0.4038

■ 32.7523, 0.5467,  
0.3986

■ 30.5582, 0.5616,  
0.3923

# Harmonies

## Analogous

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



72.0927, 0.3541, 0.3385



72.0927, 0.3546, 0.3553



72.0927, 0.3435, 0.3659

# Triad

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



72.0927, 0.3546, 0.3553



72.0927, 0.2838, 0.3374



72.0927, 0.3001, 0.2945

# Complementary

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



72.0927, 0.3546, 0.3553



69.9173, 0.2763, 0.3012

# 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.



72.0927, 0.2821, 0.2932



72.0927, 0.3546, 0.3553



72.0927, 0.2730, 0.3172

# Square

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



72.0927, 0.3546, 0.3553



72.0927, 0.3024, 0.3559



72.0927, 0.2724, 0.3012



72.0927, 0.3221, 0.3042



# Rectangle

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



72.0927, 0.3546, 0.3553



72.0927, 0.3313, 0.3675



72.0927, 0.2724, 0.3012



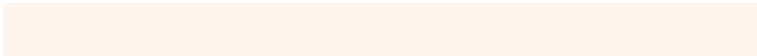
72.0927, 0.2934, 0.2931

# Sweetspot

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



72.0960, 0.3546, 0.3553



92.6741, 0.3240, 0.3366



61.9073, 0.3341, 0.2955



19.7052, 0.3250, 0.3373



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.



72.0960, 0.3546, 0.3553



73.2579, 0.3656, 0.3613



87.7011, 0.3484, 0.3831



17.6781, 0.3283, 0.3394



16.4360, 0.5587, 0.3946



1.6455, 0.5371, 0.4118

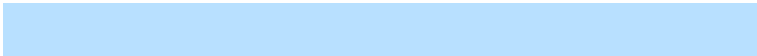


# Inverse Universe

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



69.9173, 0.2763, 0.3012



70.5070, 0.2683, 0.2942



56.1798, 0.2738, 0.2685



17.4706, 0.2980, 0.3184



13.5584, 0.1830, 0.1787

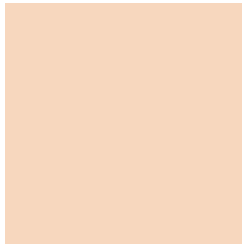


1.3961, 0.1887, 0.1992



# Previews

## White Background



This preview shows how the Yxy color 72.0927, 0.3546, 0.3553 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 72.0927, 0.3546, 0.3553 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

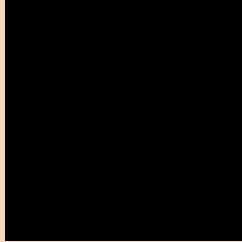
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 72.0927, 0.3546, 0.3553**

## Background



This preview shows how black text looks on a background with the Yxy color 72.0927, 0.3546, 0.3553.

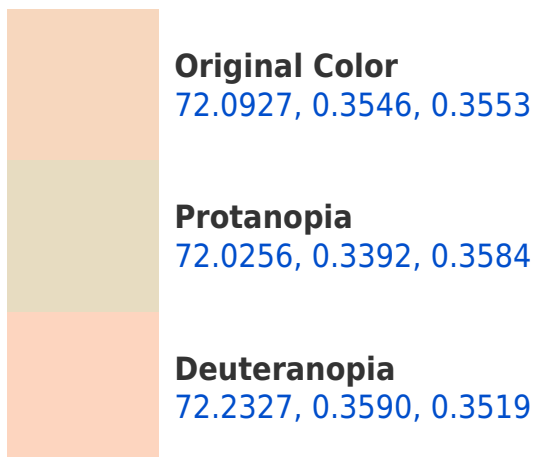


This preview shows how white text looks on a background with the Yxy color 72.0927, 0.3546, 0.3553.

# 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

72.0934, 0.3322, 0.3128

# Trichromacy



**Original Color**

72.0927, 0.3546, 0.3553

**Protanomaly**

71.9531, 0.3449, 0.3570

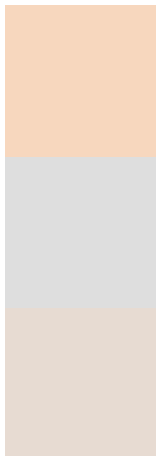
**Deuteranomaly**

72.3640, 0.3572, 0.3530

**Tritanomaly**

72.2151, 0.3406, 0.3281

# Monochromacy



**Original Color**

72.0927, 0.3546, 0.3553

**Achromatopsia**

73.0461, 0.3127, 0.3290

**Achromatomaly**

72.3051, 0.3275, 0.3387

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 72.0927, 0.3546, 0.3553 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, 215, 190)` looks like.

```
.text, #text, p{  
    color:rgb(247, 215, 190)  
}
```

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, 215, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 215, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 72.0927, 0.3546, 0.3553 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, 215, 190) }
```

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

```
.border{ border-color:rgb(247, 215, 190) }
```

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

Here you see how a box with a 4 pixel rgb(247, 215, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 215, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 215, 190);  
box-shadow:4px 4px 4px 4px rgb(247, 215,  
190) }
```



# Background

The CSS property to change the background color of an element to  $\text{Yxy } 72.0927, 0.3546, 0.3553$  is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 215, 190) }
```

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

```
.background{ background-color: rgb(247,  
215, 190) }
```

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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