

# Converting Colors

$Yxy(93.9565, 0.4339, 0.3514)$

Have a look what the booklet for  
Yxy(93.9565, 0.4339, 0.3514)  
contains.

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# Color

**Yxy(72.3092, 0.3658, 0.3590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD5B8
RGB	255, 213, 184
RGB Percent	100%, 84%, 72%
CMY	0.0001, 0.1646, 0.2784
CMYK	0.00, 0.16, 0.28, 0.00
HSL	25°, 100%, 86%
HSV	25°, 28%, 100%
XYZ	73.6788, 72.3092, 55.4303
YIQ	222.2520, 34.3410, -0.1150

# Conversions

## Conversions Part 2

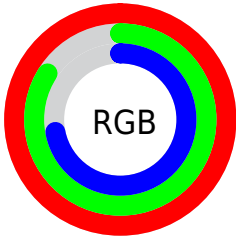
Format	Color
R <sub>Y</sub> B	255, 233, 184
Decimal	16766392
CIE Lab	88.12, 10.53, 19.82
CIE LCh	88, 22.440, 62.021
Yxy	72.3092, 0.3658, 0.3590
Android (android.graphics.Color)	4294956472 (0xFFFFD5B8)
YUV	222.2520, -18.8582, 28.7200
Hunter-Lab	85.0348, 5.8513, 20.8759

# Details

The Yxy color  $72.3092, 0.3658, 0.3590$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $71.7874, 0.2688, 0.2969$ , and the grayscale version is  $73.3529, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $99.0713, 0.3214, 0.3434$ , and  $37.9627, 0.3782, 0.3649$  is the 20% darker color. If you saturate the color by 10%, you get  $64.1018, 0.3906, 0.3703$ , and if you desaturate by 10%, it is  $81.4210, 0.3441, 0.3478$ .

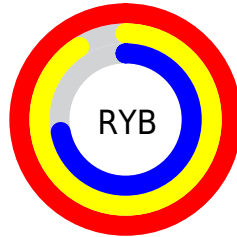
# Distribution



Red (100%)

Green (84%)

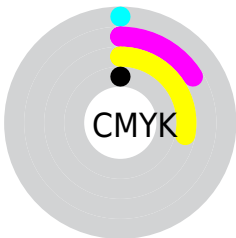
Blue (72%)



Red (100%)

Yellow (91%)

Blue (72%)

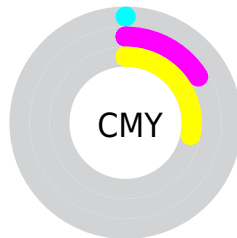


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3092, 0.3658, 0.3590 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 72.3092, 0.3658, 0.3590 by changing the saturation by 10% instead.





 72.3092, 0.3658,  
0.3590

 72.3092, 0.3658,  
0.3590


468.6171, 0.3410,  
0.3456

 53.4113, 0.3715,  
0.3619


 122.4960, 0.3572,  
0.3545

 38.1312, 0.3785,  
0.3654


154.5537, 0.3538,  
0.3527

 26.0845, 0.3874,  
0.3698


191.7669, 0.3510,  
0.3511

 16.8869, 0.3989,  
0.3752

234.5197, 0.3485,  
0.3497

 10.1539, 0.4146,  
0.3821

283.1968, 0.3463,  
0.3485

 5.5011, 0.4368,  
0.3910

338.1825, 0.3443,

 2.5442, 0.4710,

0.3474

0.4027

399.8611, 0.3426,  
0.3465

0.8987, 0.5594,  
0.4406

0.0000, 1.0000,  
0.0000

72.3092, 0.3658,  
0.3590

72.3092, 0.3658,  
0.3590

64.1018, 0.3906,  
0.3703

81.4210, 0.3441,  
0.3478

56.7595, 0.4186,  
0.3809

91.4553, 0.3255,  
0.3370

50.2541, 0.4492,  
0.3901

99.9941, 0.3127,  
0.3290

44.5523, 0.4813,  
0.3964

■ 39.6178, 0.5131,  
0.3987

■ 35.4104, 0.5420,  
0.3957

■ 31.8830, 0.5658,  
0.3874

■ 31.1969, 0.5705,  
0.3852

# Harmonies

## Analogous

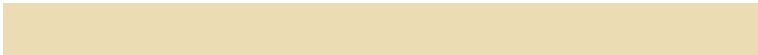
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3092, 0.3633, 0.3375



72.3092, 0.3658, 0.3590



72.3092, 0.3534, 0.3738

# Triad

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



72.3092, 0.3658, 0.3590



72.3092, 0.2793, 0.3427



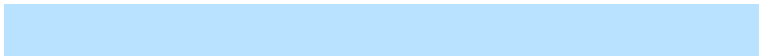
72.3092, 0.2936, 0.2856

# Complementary

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



72.3092, 0.3658, 0.3590



71.7874, 0.2688, 0.2969

# 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.



72.3092, 0.2726, 0.2853



72.3092, 0.3658, 0.3590



72.3092, 0.2646, 0.3170

# Square

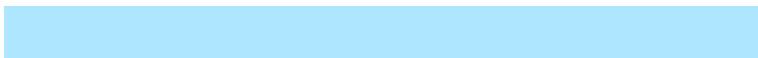
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3092, 0.3658, 0.3590



72.3092, 0.3031, 0.3652



72.3092, 0.2622, 0.2962



72.3092, 0.3207, 0.2964



# Rectangle

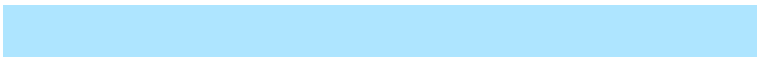
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3092, 0.3658, 0.3590



72.3092, 0.3388, 0.3773



72.3092, 0.2622, 0.2962



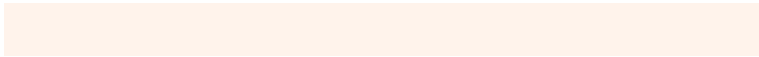
72.3092, 0.2857, 0.2843

# Sweetspot

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



72.3125, 0.3658, 0.3590



91.2990, 0.3258, 0.3372



61.0661, 0.3379, 0.2859



19.2062, 0.3284, 0.3388



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.



72.3125, 0.3658, 0.3590



67.9736, 0.3782, 0.3649



91.7729, 0.3567, 0.3924



19.2062, 0.3284, 0.3388



16.5812, 0.5676, 0.3875

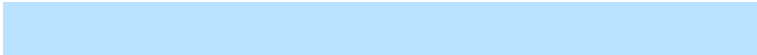


1.8229, 0.5470, 0.4039

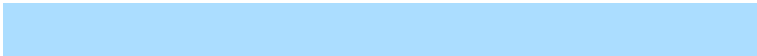


# Inverse Universe

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



71.7874, 0.2688, 0.2969



67.3667, 0.2607, 0.2899



54.7217, 0.2647, 0.2565



19.1634, 0.2979, 0.3190



15.6016, 0.1858, 0.1889

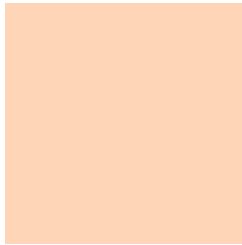


1.7341, 0.1907, 0.2065



# Previews

## White Background



This preview shows how the Yxy color 72.3092, 0.3658, 0.3590 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

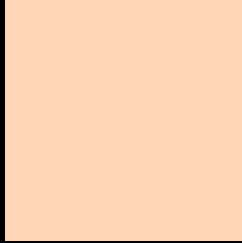
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 72.3092, 0.3658, 0.3590 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

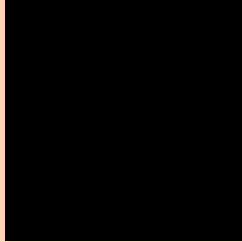
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 72.3092, 0.3658, 0.3590**

## Background



This preview shows how black text looks on a background with the Yxy color 72.3092, 0.3658, 0.3590.

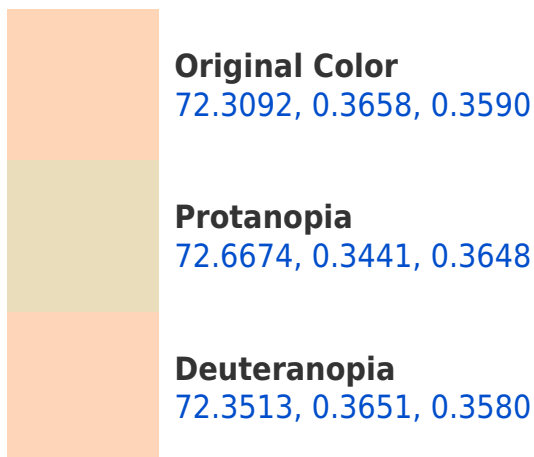


This preview shows how white text looks on a background with the Yxy color 72.3092, 0.3658, 0.3590.

# 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

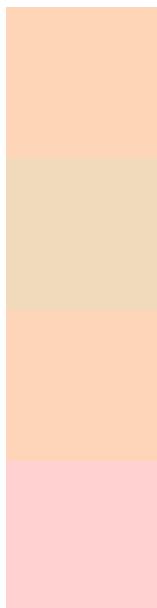




## Tritanopia

72.1886, 0.3375, 0.3149

# Trichromacy



## Original Color

72.3092, 0.3658, 0.3590

## Protanomaly

72.4314, 0.3515, 0.3621

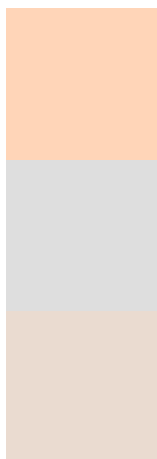
## Deuteranomaly

72.3513, 0.3651, 0.3580

## Tritanomaly

71.9566, 0.3477, 0.3301

# Monochromacy



## Original Color

72.3092, 0.3658, 0.3590

## Achromatopsia

73.0461, 0.3127, 0.3290

## Achromatomaly

72.7095, 0.3311, 0.3408

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 72.3092, 0.3658, 0.3590 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, 213, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 184) }
```

## Border

The CSS property to change the border of an element to Yxy 72.3092, 0.3658, 0.3590 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, 213, 184) }
```

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

```
.border{ border-color:rgb(255, 213, 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, 213, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
184) }
```



# Background

The CSS property to change the background color of an element to Yxy 72.3092, 0.3658, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 184) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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