

# Converting Colors

$Y_{xy}(71.7922, 0.3597, 0.3507)$

Have a look what the booklet for  
Yxy(71.7922, 0.3597, 0.3507)  
contains.

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# Color

**Yxy(71.9194, 0.3601, 0.3508)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FED4BF
RGB	254, 212, 191
RGB Percent	100%, 83%, 75%
CMY	0.0038, 0.1686, 0.2510
CMYK	0.00, 0.17, 0.25, 0.00
HSL	20°, 97%, 87%
HSV	20°, 25%, 100%
XYZ	73.8260, 71.9194, 59.2700
YIQ	222.1640, 31.7730, 2.3730

# Conversions

## Conversions Part 2

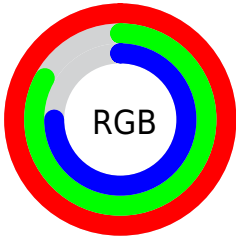
Format	Color
R <sub>Y</sub> B	254, 223, 191
Decimal	16700607
CIE Lab	87.93, 11.64, 15.89
CIE LCh	88, 19.697, 53.770
Yxy	71.9194, 0.3601, 0.3508
Android (android.graphics.Color)	4294890687 (0xFF FED4BF)
YUV	222.1640, -15.3639, 27.9202
Hunter-Lab	84.8053, 6.9813, 17.9263

# Details

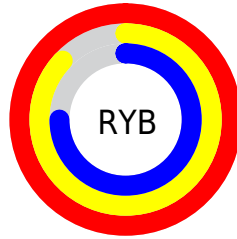
The Yxy color **71.9194, 0.3601, 0.3508** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5159, 0.2741, 0.3061**, and the grayscale version is **73.2654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **37.8192, 0.3716, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **62.8722, 0.3852, 0.3601**, and if you desaturate by 10%, it is **82.0552, 0.3386, 0.3417**.

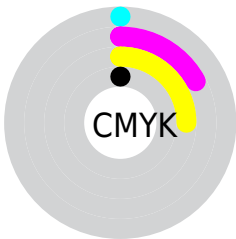
# Distribution



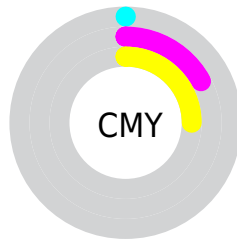
- Red (100%)
- Green (83%)
- Blue (75%)



- Red (100%)
- Yellow (87%)
- Blue (75%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (17%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9194, 0.3601, 0.3508 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 71.9194, 0.3601, 0.3508 by changing the saturation by 10% instead.





 71.9194, 0.3601,  
0.3508

 71.9194, 0.3601,  
0.3508


467.2610, 0.3380,  
0.3411

 53.0928, 0.3652,  
0.3529


 121.9419, 0.3524,  
0.3475

 37.8769, 0.3715,  
0.3555


153.9067, 0.3494,  
0.3462

 25.8872, 0.3796,  
0.3586


191.0196, 0.3468,  
0.3451

 16.7392, 0.3901,  
0.3625

233.6652, 0.3446,  
0.3441

 10.0487, 0.4044,  
0.3675

282.2277, 0.3426,  
0.3432

 5.4313, 0.4251,  
0.3740

337.0916, 0.3409,

 2.5025, 0.4570,

0.3424

0.3821

398.6412, 0.3393,  
0.3417

0.8779, 0.5671,  
0.4329

0.0000, 1.0000,  
0.0000

71.9194, 0.3601,  
0.3508

71.9194, 0.3601,  
0.3508

62.8722, 0.3852,  
0.3601

82.0552, 0.3386,  
0.3417

54.8664, 0.4142,  
0.3691

93.3051, 0.3204,  
0.3330

47.8659, 0.4468,  
0.3769

99.8159, 0.3121,  
0.3290

41.8284, 0.4820,  
0.3824

■ 36.7082, 0.5178,  
0.3845

■ 32.4555, 0.5513,  
0.3819

■ 29.0140, 0.5792,  
0.3742

■ 27.5224, 0.5911,  
0.3689

# Harmonies

## Analogous

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



71.9194, 0.3542, 0.3311



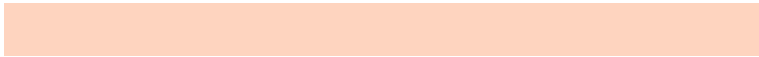
71.9194, 0.3601, 0.3508



71.9194, 0.3527, 0.3658

# Triad

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



71.9194, 0.3601, 0.3508



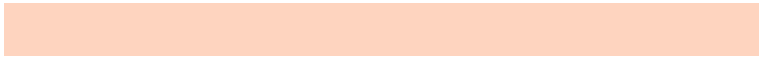
71.9194, 0.2885, 0.3470



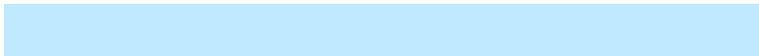
71.9194, 0.2901, 0.2896

# Complementary

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



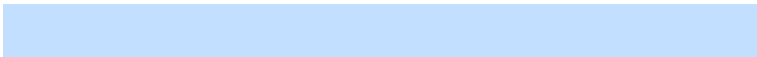
71.9194, 0.3601, 0.3508



76.5159, 0.2741, 0.3061

# 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.



71.9194, 0.2737, 0.2921



71.9194, 0.3601, 0.3508



71.9194, 0.2728, 0.3246

# Square

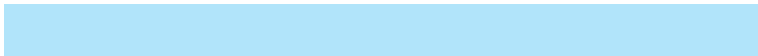
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9194, 0.3601, 0.3508



71.9194, 0.3109, 0.3646



71.9194, 0.2675, 0.3046



71.9194, 0.3131, 0.2967



# Rectangle

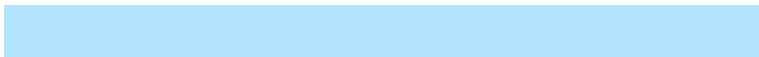
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9194, 0.3601, 0.3508



71.9194, 0.3415, 0.3708



71.9194, 0.2675, 0.3046



71.9194, 0.2837, 0.2893

# Sweetspot

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



71.9227, 0.3601, 0.3508



91.5444, 0.3242, 0.3348



64.2138, 0.3313, 0.2866



19.4439, 0.3252, 0.3353



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.



71.9227, 0.3601, 0.3508



67.6806, 0.3727, 0.3556



89.2494, 0.3527, 0.3816



18.9763, 0.3286, 0.3370



14.7477, 0.5882, 0.3712

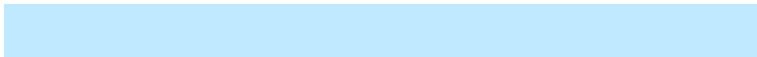


1.6272, 0.5662, 0.3886

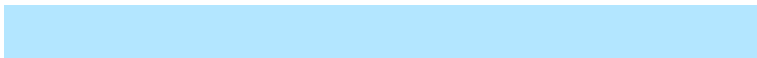


# Inverse Universe

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



76.5159, 0.2741, 0.3061



73.0595, 0.2661, 0.3006



60.2337, 0.2709, 0.2703



19.4013, 0.2980, 0.3209



19.0803, 0.1933, 0.2159

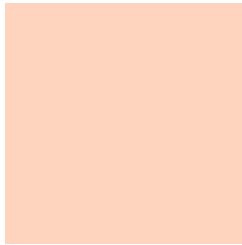


2.0589, 0.1973, 0.2303



# Previews

## White Background



This preview shows how the Yxy color 71.9194, 0.3601, 0.3508 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

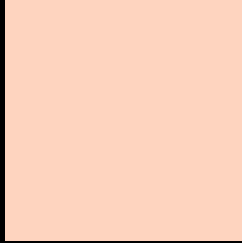
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 71.9194, 0.3601, 0.3508 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

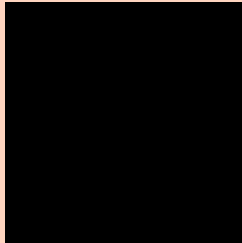
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 71.9194, 0.3601, 0.3508**

## **Background**



This preview shows how black text looks on a background with the Yxy color 71.9194, 0.3601, 0.3508.

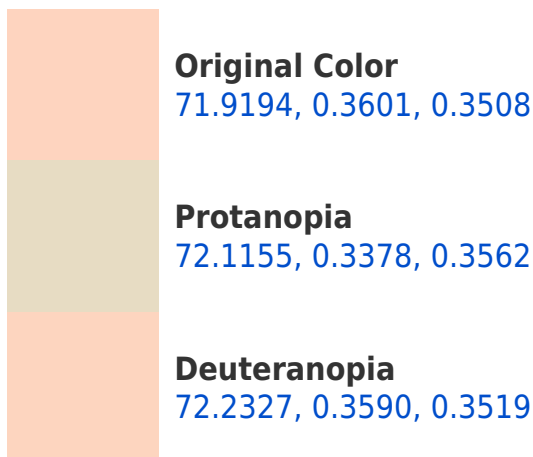


This preview shows how white text looks on a background with the Yxy color 71.9194, 0.3601, 0.3508.

# 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

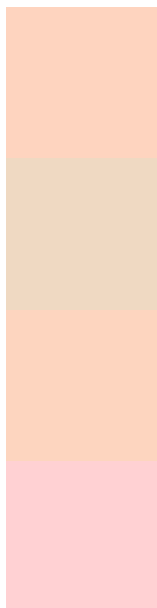




## Tritanopia

71.6995, 0.3376, 0.3139

# Trichromacy



## Original Color

71.9194, 0.3601, 0.3508

## Protanomaly

71.8715, 0.3452, 0.3536

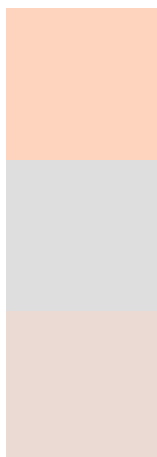
## Deuteranomaly

72.2327, 0.3590, 0.3519

## Tritanomaly

71.5641, 0.3464, 0.3271

# Monochromacy



## Original Color

71.9194, 0.3601, 0.3508

## Achromatopsia

73.0461, 0.3127, 0.3290

## Achromatomaly

72.3384, 0.3292, 0.3365

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 71.9194, 0.3601, 0.3508 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(254, 212, 191)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 191)  
}
```

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(254, 212, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 191) }
```

## Border

The CSS property to change the border of an element to Yxy 71.9194, 0.3601, 0.3508 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(254, 212, 191) }
```

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

```
.border{ border-color:rgb(254, 212, 191) }
```

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

Here you see how a box with a 4 pixel rgb(254, 212, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 191);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
191) }
```



# Background

The CSS property to change the background color of an element to Yxy 71.9194, 0.3601, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 191) }
```

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

```
.background{ background-color: rgb(254,  
212, 191) }
```

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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