

# Converting Colors

$Yxy(77.1398, 0.3506, 0.3480)$

Have a look what the booklet for  
Yxy(77.1398, 0.3506, 0.3480)  
contains.

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# Color

**Yxy(77.2372, 0.3508, 0.3484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDDCA
RGB	255, 221, 202
RGB Percent	100%, 87%, 79%
CMY	0.0000, 0.1334, 0.2078
CMYK	0.00, 0.13, 0.21, 0.00
HSL	21°, 100%, 90%
HSV	21°, 21%, 100%
XYZ	77.7693, 77.2372, 66.6847
YIQ	229.0000, 26.3630, 1.2990

# Conversions

## Conversions Part 2

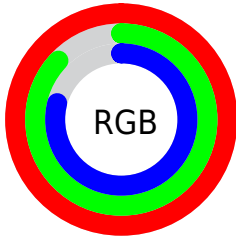
Format	Color
R <sub>Y</sub> B	255, 232, 202
Decimal	16768458
CIE Lab	90.43, 8.90, 13.66
CIE LCh	90, 16.302, 56.898
Yxy	77.2372, 0.3508, 0.3484
Android (android.graphics.Color)	4294958538 (0xFFFFDDCA)
YUV	229.0000, -13.3110, 22.8020
Hunter-Lab	87.8847, 4.1566, 16.5315

# Details

The Yxy color **77.2372, 0.3508, 0.3484** is a light color, and the websafe version is hex **FFCCCC**, and the color name is **unbleached silk**. A complement of this color would be **79.7722, 0.2802, 0.3088**, and the grayscale version is **78.4344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4163, 0.3598, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **67.8990, 0.3740, 0.3584**, and if you desaturate by 10%, it is **87.6067, 0.3309, 0.3388**.

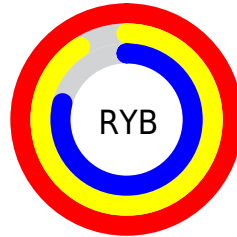
# Distribution



Red (100%)

Green (87%)

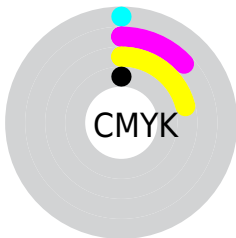
Blue (79%)



Red (100%)

Yellow (91%)

Blue (79%)

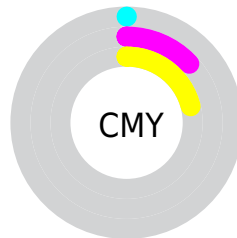


Cyan (0%)

Magenta (13%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2372, 0.3508, 0.3484 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 77.2372, 0.3508, 0.3484 by changing the saturation by 10% instead.




 77.2372, 0.3508,  
0.3484

 77.2372, 0.3508,  
0.3484


485.5724, 0.3332,  
0.3398

 57.4476, 0.3548,  
0.3503


129.4743, 0.3447,  
0.3455

 41.3647, 0.3597,  
0.3526


162.6905, 0.3424,  
0.3443

 28.6042, 0.3659,  
0.3554


201.1510, 0.3403,  
0.3433

 18.7816, 0.3740,  
0.3590

245.2403, 0.3385,  
0.3424

 11.5126, 0.3849,  
0.3636

295.3427, 0.3370,  
0.3417

 6.4127, 0.4005,  
0.3698

351.8425, 0.3356,

 3.0976, 0.4243,

0.3410

0.3783

415.1243, 0.3344,  
0.3403

■ 1.1829, 0.4868,  
0.4087

■ 0.0477, 0.8464,  
0.1536

■ 77.2372, 0.3508,  
0.3484

■ 77.2372, 0.3508,  
0.3484

■ 67.8990, 0.3740,  
0.3584

■ 87.6067, 0.3309,  
0.3388

■ 59.5739, 0.4009,  
0.3682

■ 99.0552, 0.3139,  
0.3297

■ 52.2211, 0.4313,  
0.3772

■ 100.0000, 0.3127,  
0.3290

■ 45.8026, 0.4646,  
0.3845

■ 40.2775, 0.4993,  
0.3886

■ 35.6014, 0.5330,  
0.3884

■ 31.7251, 0.5626,  
0.3830

■ 28.8059, 0.5845,  
0.3741

# Harmonies

## Analogous

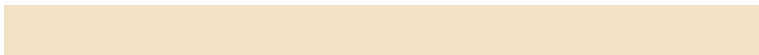
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2372, 0.3472, 0.3326



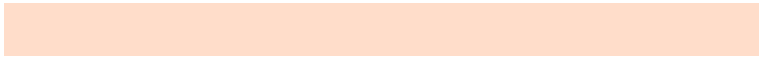
77.2372, 0.3508, 0.3484



77.2372, 0.3439, 0.3597

# Triad

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



77.2372, 0.3508, 0.3484



77.2372, 0.2915, 0.3418



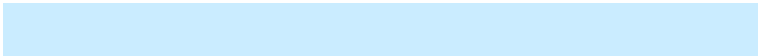
77.2372, 0.2962, 0.2971

# Complementary

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



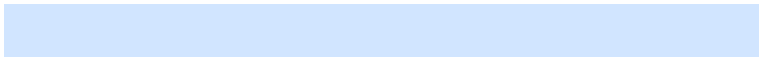
77.2372, 0.3508, 0.3484



79.7722, 0.2802, 0.3088

# 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.



77.2372, 0.2821, 0.2985



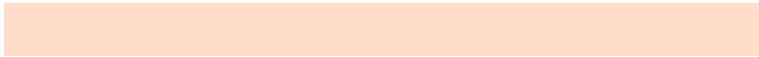
77.2372, 0.3508, 0.3484



77.2372, 0.2794, 0.3238

# Square

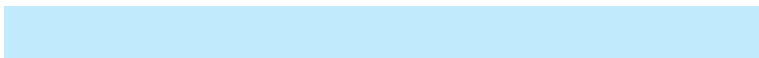
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2372, 0.3508, 0.3484



77.2372, 0.3094, 0.3564



77.2372, 0.2760, 0.3080



77.2372, 0.3152, 0.3037



# Rectangle

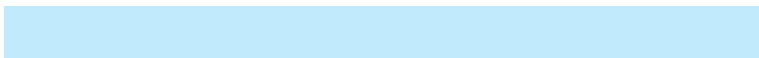
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2372, 0.3508, 0.3484



77.2372, 0.3344, 0.3629



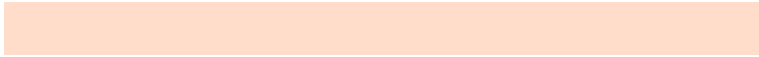
77.2372, 0.2760, 0.3080



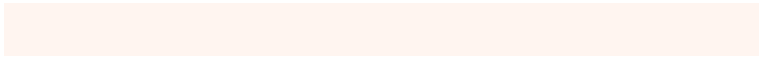
77.2372, 0.2908, 0.2966

# Sweetspot

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



77.2320, 0.3508, 0.3484



92.9486, 0.3224, 0.3343



69.5828, 0.3284, 0.2946



19.7356, 0.3235, 0.3349



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

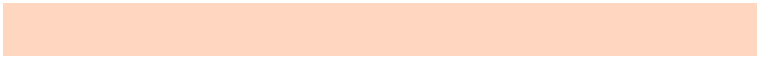


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2320, 0.3508, 0.3484



73.1728, 0.3601, 0.3526



92.0762, 0.3457, 0.3737



19.0522, 0.3285, 0.3376



15.3073, 0.5816, 0.3764

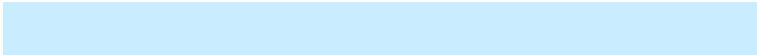


1.6882, 0.5599, 0.3936

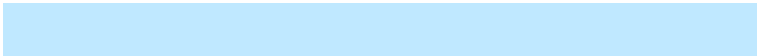


# Inverse Universe

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



79.7722, 0.2802, 0.3088



76.1305, 0.2736, 0.3041



65.8444, 0.2783, 0.2800



19.3222, 0.2980, 0.3203



17.8694, 0.1908, 0.2069

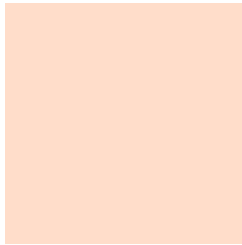


1.9468, 0.1951, 0.2224



# Previews

## White Background



This preview shows how the Yxy color 77.2372, 0.3508, 0.3484 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

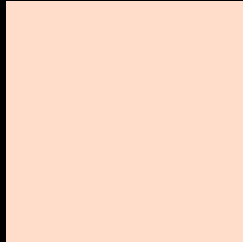
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 77.2372, 0.3508, 0.3484 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

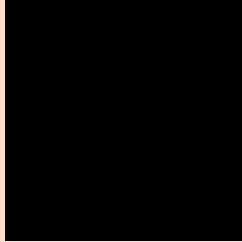
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 77.2372, 0.3508, 0.3484**

## **Background**



This preview shows how black text looks on a background with the Yxy color 77.2372, 0.3508, 0.3484.



This preview shows how white text looks on a background with the Yxy color 77.2372, 0.3508, 0.3484.

# 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



### Original Color

77.2372, 0.3508, 0.3484

### Protanopia

77.3505, 0.3343, 0.3523

### Deuteranopia

77.4291, 0.3479, 0.3443



## Tritanopia

77.2860, 0.3293, 0.3141

# Trichromacy



## Original Color

77.2372, 0.3508, 0.3484

## Protanomaly

77.4432, 0.3404, 0.3509

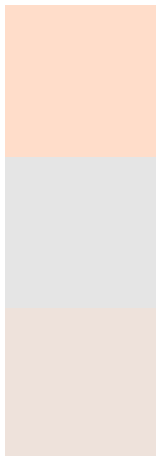
## Deuteranomaly

77.3807, 0.3486, 0.3453

## Tritanomaly

77.1970, 0.3369, 0.3261

# Monochromacy



## Original Color

77.2372, 0.3508, 0.3484

## Achromatopsia

78.3538, 0.3127, 0.3290

## Achromatomaly

77.6843, 0.3258, 0.3363

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 77.2372, 0.3508, 0.3484 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, 221, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 202)  
}
```

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, 221, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 202) }
```

## Border

The CSS property to change the border of an element to Yxy 77.2372, 0.3508, 0.3484 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, 221, 202) }
```

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

```
.border{ border-color:rgb(255, 221, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
202) }
```



# Background

The CSS property to change the background color of an element to Yxy 77.2372, 0.3508, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 202) }
```

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

```
.background{ background-color: rgb(255,  
221, 202) }
```

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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