

# Converting Colors

$Yxy(73.3533, 0.3491, 0.3336)$

Have a look what the booklet for  
Yxy(73.3533, 0.3491, 0.3336)  
contains.

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# Color

**Yxy(72.9010, 0.3481, 0.3332)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD4D0
RGB	255, 212, 208
RGB Percent	100%, 83%, 82%
CMY	0.0001, 0.1686, 0.1843
CMYK	0.00, 0.17, 0.18, 0.00
HSL	5°, 100%, 91%
HSV	5°, 18%, 100%
XYZ	76.1610, 72.9010, 69.7285
YIQ	224.4010, 26.9120, 7.8720

# Conversions

## Conversions Part 2

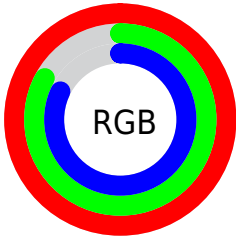
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 212, 208
Decimal	16766160
CIE Lab	88.40, 14.41, 7.61
CIE LCh	88, 16.294, 27.843
Yxy	72.9010, 0.3481, 0.3332
Android (android.graphics.Color)	4294956240 (0xFFFFD4D0)
YUV	224.4010, -8.0857, 26.8353
Hunter-Lab	85.3821, 9.8037, 11.3474

# Details

The Yxy color  $72.9010, 0.3481, 0.3332$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $89.5937, 0.2847, 0.3248$ , and the grayscale version is  $74.8879, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $100.0000, 0.3127, 0.3290$ , and  $38.4528, 0.3567, 0.3331$  is the 20% darker color. If you saturate the color by 10%, you get  $60.9199, 0.3739, 0.3357$ , and if you desaturate by 10%, it is  $86.7737, 0.3272, 0.3309$ .

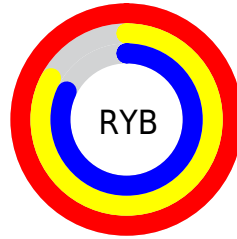
# Distribution



Red (100%)

Green (83%)

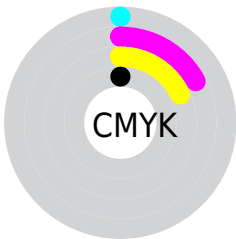
Blue (82%)



Red (100%)

Yellow (83%)

Blue (82%)

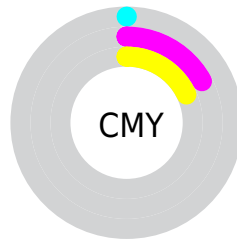


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9010, 0.3481, 0.3332 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 72.9010, 0.3481, 0.3332 by changing the saturation by 10% instead.




 72.9010, 0.3481,  
0.3332

 72.9010, 0.3481,  
0.3332


470.6716, 0.3316,  
0.3315

 53.8950, 0.3519,  
0.3335


123.3367, 0.3424,  
0.3327

 38.5177, 0.3566,  
0.3339


155.5351, 0.3401,  
0.3324

 26.3848, 0.3626,  
0.3344


192.8999, 0.3382,  
0.3322

 17.1117, 0.3705,  
0.3349


235.8153, 0.3365,  
0.3320

 10.3142, 0.3813,  
0.3354

284.6658, 0.3351,  
0.3319

 5.6078, 0.3969,  
0.3359

339.8357, 0.3338,

 2.6081, 0.4217,

0.3317

0.3360

401.7095, 0.3326,  
0.3316

■ 0.9307, 0.4795,  
0.3432

■ 0.0000, 1.0000,  
0.0000

■ 72.9010, 0.3481,  
0.3332

■ 72.9010, 0.3481,  
0.3332

■ 60.9199, 0.3739,  
0.3357

■ 86.7737, 0.3272,  
0.3309

■ 50.7390, 0.4054,  
0.3381

99.9952, 0.3127,  
0.3290

■ 42.2743, 0.4431,  
0.3403

■ 35.4311, 0.4862,  
0.3418

■ 30.1055, 0.5324,  
0.3422

■ 26.1817, 0.5764,  
0.3411

■ 23.5270, 0.6116,  
0.3382

■ 21.9804, 0.6328,  
0.3343

■ 21.8220, 0.6352,  
0.3339

# Harmonies

## Analogous

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



72.9010, 0.3349, 0.3167



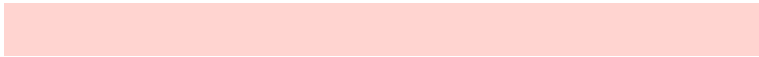
72.9010, 0.3481, 0.3332



72.9010, 0.3515, 0.3492

# Triad

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



72.9010, 0.3481, 0.3332



72.9010, 0.3087, 0.3566



72.9010, 0.2819, 0.2978

# Complementary

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



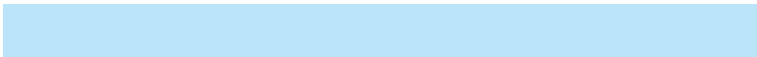
72.9010, 0.3481, 0.3332



89.5937, 0.2847, 0.3248

# 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.



72.9010, 0.2754, 0.3072



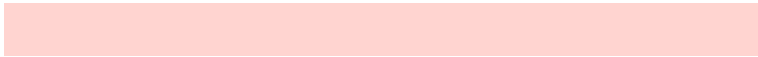
72.9010, 0.3481, 0.3332



72.9010, 0.2906, 0.3414

# Square

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



72.9010, 0.3481, 0.3332



72.9010, 0.3283, 0.3635



72.9010, 0.2785, 0.3231



72.9010, 0.2965, 0.2966



# Rectangle

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



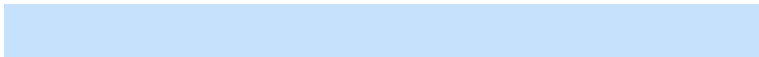
72.9010, 0.3481, 0.3332



72.9010, 0.3477, 0.3575



72.9010, 0.2785, 0.3231



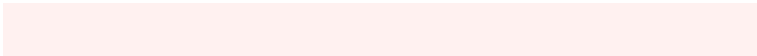
72.9010, 0.2787, 0.3000

# Sweetspot

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



72.9043, 0.3481, 0.3332



90.4495, 0.3228, 0.3303



73.3341, 0.3175, 0.2868



19.1467, 0.3239, 0.3305



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

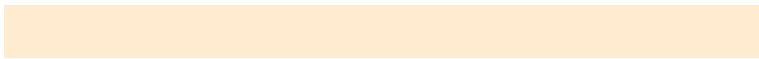
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9043, 0.3481, 0.3332



68.4224, 0.3567, 0.3341



85.4552, 0.3439, 0.3565



18.2367, 0.3292, 0.3311



11.4903, 0.6338, 0.3350



1.2000, 0.6208, 0.3453



# Inverse Universe

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



89.5937, 0.2847, 0.3248



87.8437, 0.2796, 0.3239



75.8787, 0.2833, 0.2999



20.1998, 0.2980, 0.3269



34.3877, 0.2172, 0.3019



3.4233, 0.2181, 0.3052



# Previews

## White Background



This preview shows how the Yxy color 72.9010, 0.3481, 0.3332 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 72.9010, 0.3481, 0.3332 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

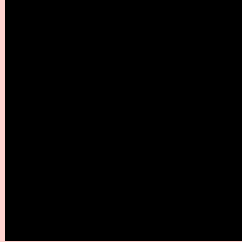
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 72.9010, 0.3481, 0.3332**

## Background



This preview shows how black text looks on a background with the Yxy color 72.9010, 0.3481, 0.3332.

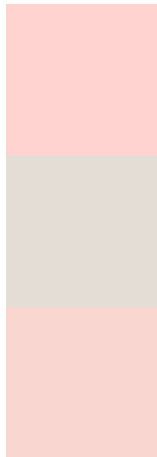


This preview shows how white text looks on a background with the Yxy color 72.9010, 0.3481, 0.3332.

# 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

72.9010, 0.3481, 0.3332

### Protanopia

73.0110, 0.3231, 0.3376

### Deuteranopia

72.7869, 0.3432, 0.3353



## Tritanopia

72.7894, 0.3359, 0.3140

# Trichromacy



## Original Color

72.9010, 0.3481, 0.3332

## Protanomaly

73.0231, 0.3322, 0.3365

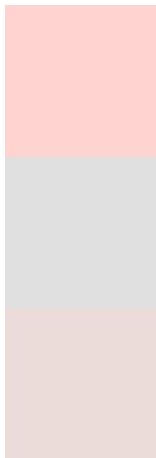
## Deuteranomaly

72.6518, 0.3449, 0.3342

## Tritanomaly

72.9630, 0.3402, 0.3210

# Monochromacy



## Original Color

72.9010, 0.3481, 0.3332

## Achromatopsia

74.5404, 0.3127, 0.3290

## Achromatomaly

73.9105, 0.3249, 0.3311

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 72.9010, 0.3481, 0.3332 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, 212, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 208)  
}
```

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, 212, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 208) }
```

## Border

The CSS property to change the border of an element to Yxy 72.9010, 0.3481, 0.3332 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, 212, 208) }
```

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

```
.border{ border-color:rgb(255, 212, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
208) }
```



# Background

The CSS property to change the background color of an element to Yxy 72.9010, 0.3481, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 208) }
```

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

```
.background{ background-color: rgb(255,  
212, 208) }
```

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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