

Converting Colors

$Y_{xy}(70.6182, 0.3556, 0.3336)$

Have a look what the booklet for
Yxy(70.6182, 0.3556, 0.3336)
contains.

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Color

Yxy(70.1499, 0.3536, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFCA
RGB	255, 207, 202
RGB Percent	100%, 81%, 79%
CMY	0.0002, 0.1881, 0.2079
CMYK	0.00, 0.19, 0.21, 0.00
HSL	6°, 100%, 90%
HSV	6°, 21%, 100%
XYZ	74.1998, 70.1499, 65.4914
YIQ	220.7820, 30.2130, 8.6210

Conversions

Conversions Part 2

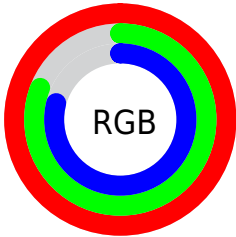
Format	Color
R _Y B	255, 208, 202
Decimal	16764874
CIE Lab	87.07, 16.12, 8.88
CIE LCh	87, 18.405, 28.854
Yxy	70.1499, 0.3536, 0.3343
Android (android.graphics.Color)	4294954954 (0xFFFFCFCA)
YUV	220.7820, -9.2595, 30.0092
Hunter-Lab	83.7555, 11.5627, 12.2679

Details

The Yxy color **70.1499, 0.3536, 0.3343** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.0868, 0.2813, 0.3236**, and the grayscale version is **72.1947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9264, 0.3639, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **58.6695, 0.3805, 0.3370**, and if you desaturate by 10%, it is **83.4691, 0.3317, 0.3317**.

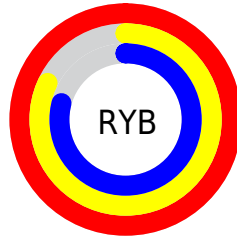
Distribution



Red (100%)

Green (81%)

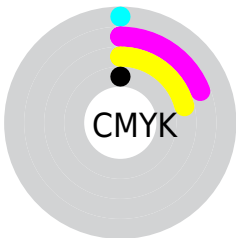
Blue (79%)



Red (100%)

Yellow (82%)

Blue (79%)

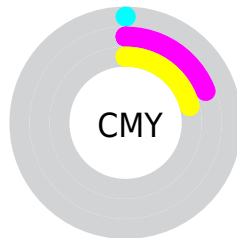


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1499, 0.3536, 0.3343 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 70.1499, 0.3536, 0.3343 by changing the saturation by 10% instead.

 70.1499, 0.3536,
0.3343

 70.1499, 0.3536,
0.3343


461.0762, 0.3344,
0.3321

 51.6488, 0.3581,
0.3347


119.4225, 0.3469,
0.3336

 36.7252, 0.3636,
0.3352


150.9627, 0.3443,
0.3333

 24.9948, 0.3707,
0.3358


187.6181, 0.3421,
0.3331

 16.0732, 0.3800,
0.3364

229.7731, 0.3401,
0.3328

 9.5759, 0.3929,
0.3370

277.8119, 0.3384,
0.3326

 5.1187, 0.4118,
0.3375

332.1191, 0.3369,

 2.3171, 0.4419,

0.3325

0.3372

393.0791, 0.3356,
0.3323

0.7827, 0.5364,
0.3578

0.0000, 1.0000,
0.0000

70.1499, 0.3536,
0.3343

70.1499, 0.3536,
0.3343

58.6695, 0.3805,
0.3370

83.4691, 0.3317,
0.3317

48.9379, 0.4133,
0.3397

98.6927, 0.3139,
0.3292

40.8721, 0.4521,
0.3420

99.9922, 0.3127,
0.3290

34.3785, 0.4959,
0.3435

■ 29.3542, 0.5417,
0.3436

■ 25.6841, 0.5842,
0.3419

■ 23.2357, 0.6166,
0.3384

■ 21.9176, 0.6343,
0.3345

Harmonies

Analogous

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



70.1499, 0.3387, 0.3155



70.1499, 0.3536, 0.3343



70.1499, 0.3570, 0.3525

Triad

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



70.1499, 0.3536, 0.3343



70.1499, 0.3072, 0.3602



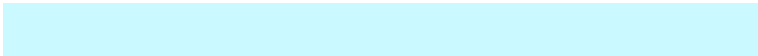
70.1499, 0.2779, 0.2931

Complementary

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



70.1499, 0.3536, 0.3343



88.0868, 0.2813, 0.3236

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.



70.1499, 0.2703, 0.3034



70.1499, 0.3536, 0.3343



70.1499, 0.2868, 0.3426

Square

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



70.1499, 0.3536, 0.3343



70.1499, 0.3297, 0.3686



70.1499, 0.2734, 0.3214



70.1499, 0.2948, 0.2923

Rectangle

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



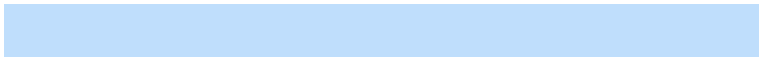
70.1499, 0.3536, 0.3343



70.1499, 0.3523, 0.3619



70.1499, 0.2734, 0.3214



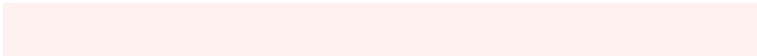
70.1499, 0.2742, 0.2956

Sweetspot

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



70.1531, 0.3536, 0.3343



90.5374, 0.3227, 0.3304



70.4188, 0.3182, 0.2812



19.1674, 0.3239, 0.3306



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

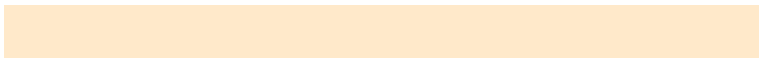
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1531, 0.3536, 0.3343



65.1123, 0.3643, 0.3355



83.7272, 0.3484, 0.3602



18.2652, 0.3292, 0.3313



11.5486, 0.6328, 0.3357



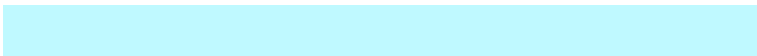
1.2135, 0.6187, 0.3469

Inverse Universe

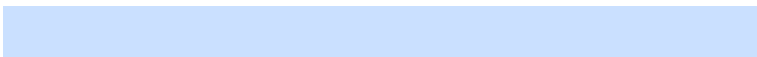
The Inverse Universe completely reimagines the original color for something new.



88.0868, 0.2813, 0.3236



86.0346, 0.2753, 0.3224



73.1105, 0.2794, 0.2957



20.1681, 0.2980, 0.3267



33.6708, 0.2163, 0.2988



3.3609, 0.2174, 0.3025

Previews

White Background



This preview shows how the Yxy color 70.1499, 0.3536, 0.3343 looks on a white background.

Color Contrast Check

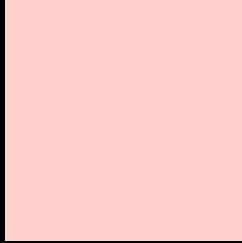
Large Text (above 18pt) WCAG AA × Fail

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 70.1499, 0.3536, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

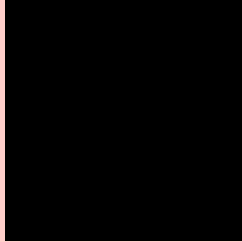
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.1499, 0.3536, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 70.1499, 0.3536, 0.3343.

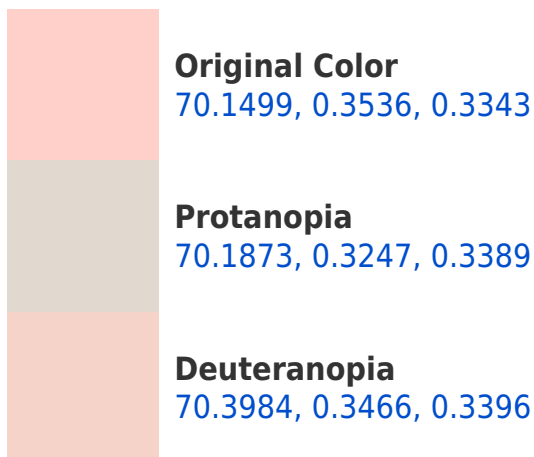


This preview shows how white text looks on a background with the Yxy color 70.1499, 0.3536, 0.3343.

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

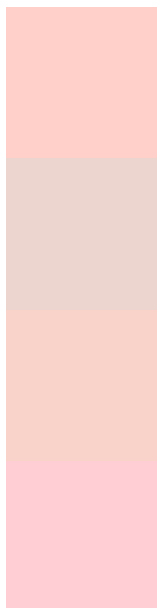




Tritanopia

70.0900, 0.3403, 0.3139

Trichromacy



Original Color

70.1499, 0.3536, 0.3343

Protanomaly

69.8776, 0.3349, 0.3366

Deuteranomaly

70.4500, 0.3491, 0.3385

Tritanomaly

70.2067, 0.3454, 0.3220

Monochromacy



Original Color

70.1499, 0.3536, 0.3343

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.2904, 0.3266, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1499, 0.3536, 0.3343 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, 207, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 202) }
```

Border

The CSS property to change the border of an element to Yxy 70.1499, 0.3536, 0.3343 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, 207, 202) }
```

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

```
.border{ border-color:rgb(255, 207, 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, 207, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1499, 0.3536, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 202) }
```

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

```
.background{ background-color: rgb(255,  
207, 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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