

Converting Colors

$Yxy(71.0083, 0.3555, 0.3396)$

Have a look what the booklet for
Yxy(71.0083, 0.3555, 0.3396)
contains.

Yxy(70.9844, 0.3555, 0.3394)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.9844, 0.3555, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1C7
RGB	255, 209, 199
RGB Percent	100%, 82%, 78%
CMY	0.0000, 0.1804, 0.2196
CMYK	0.00, 0.18, 0.22, 0.00
HSL	11°, 100%, 89%
HSV	11°, 22%, 100%
XYZ	74.3517, 70.9844, 63.8107
YIQ	221.6140, 30.6260, 6.6420

Conversions

Conversions Part 2

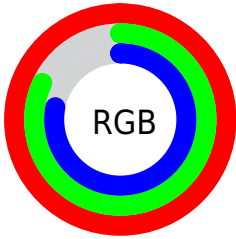
Format	Color
R _Y B	255, 211, 199
Decimal	16765383
CIE Lab	87.48, 14.68, 11.04
CIE LCh	87, 18.368, 36.948
Yxy	70.9844, 0.3555, 0.3394
Android (android.graphics.Color)	4294955463 (0xFFFFD1C7)
YUV	221.6140, -11.1487, 29.2795
Hunter-Lab	84.2522, 10.0828, 14.0717

Details

The Yxy color **70.9844, 0.3555, 0.3394** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.6608, 0.2792, 0.3183**, and the grayscale version is **72.8240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1613, 0.3667, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **60.2881, 0.3818, 0.3445**, and if you desaturate by 10%, it is **83.2319, 0.3337, 0.3345**.

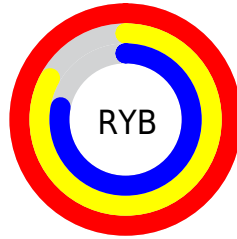
Distribution



Red (100%)

Green (82%)

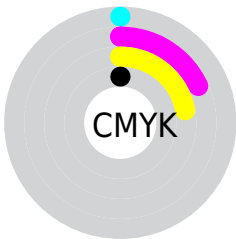
Blue (78%)



Red (100%)

Yellow (83%)

Blue (78%)

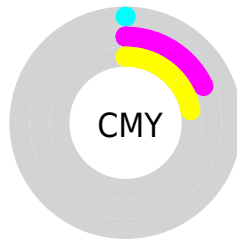


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9844, 0.3555, 0.3394 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 70.9844, 0.3555, 0.3394 by changing the saturation by 10% instead.


 70.9844, 0.3555,
0.3394

 70.9844, 0.3555,
0.3394

463.9989, 0.3354,
0.3349

 52.3295, 0.3601,
0.3403


120.6115, 0.3485,
0.3379

 37.2678, 0.3659,
0.3415


152.3525, 0.3458,
0.3373

 25.4149, 0.3733,
0.3428

189.2242, 0.3434,
0.3368

 16.3864, 0.3830,
0.3444

231.6112, 0.3414,
0.3363

 9.7980, 0.3963,
0.3464

279.8978, 0.3396,
0.3359

 5.2652, 0.4157,
0.3488

334.4683, 0.3381,

 2.4037, 0.4465,

0.3355

0.3513

395.7072, 0.3367,
0.3352

0.8278, 0.5527,
0.3868

0.0000, 1.0000,
0.0000

70.9844, 0.3555,
0.3394

70.9844, 0.3555,
0.3394

60.2881, 0.3818,
0.3445

83.2319, 0.3337,
0.3345

51.0781, 0.4133,
0.3494

97.0864, 0.3158,
0.3299

43.2887, 0.4501,
0.3537

100.0000, 0.3127,
0.3290

36.8486, 0.4911,
0.3565

■ 31.6799, 0.5340,
0.3571

■ 27.6966, 0.5742,
0.3546

■ 24.8014, 0.6063,
0.3487

■ 23.1806, 0.6240,
0.3428

Harmonies

Analogous

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



70.9844, 0.3435, 0.3205



70.9844, 0.3555, 0.3394



70.9844, 0.3555, 0.3565

Triad

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



70.9844, 0.3555, 0.3394



70.9844, 0.3014, 0.3560



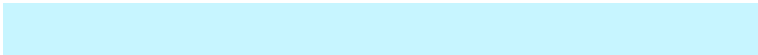
70.9844, 0.2819, 0.2922

Complementary

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



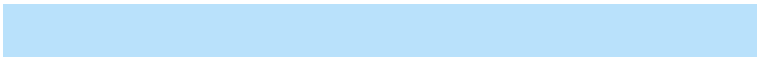
70.9844, 0.3555, 0.3394



84.6608, 0.2792, 0.3183

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.



70.9844, 0.2715, 0.3000



70.9844, 0.3555, 0.3394



70.9844, 0.2825, 0.3369

Square

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



70.9844, 0.3555, 0.3394



70.9844, 0.3237, 0.3672



70.9844, 0.2718, 0.3161



70.9844, 0.3006, 0.2938

Rectangle

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



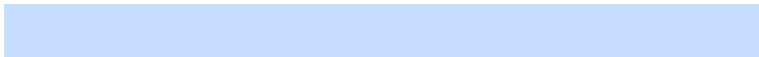
70.9844, 0.3555, 0.3394



70.9844, 0.3488, 0.3646



70.9844, 0.2718, 0.3161



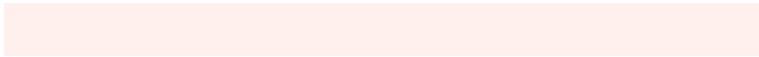
70.9844, 0.2773, 0.2937

Sweetspot

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



70.9854, 0.3555, 0.3394



89.9037, 0.3244, 0.3321



68.7373, 0.3219, 0.2828



19.0648, 0.3255, 0.3324



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.



70.9854, 0.3555, 0.3394



66.4841, 0.3655, 0.3414



85.5651, 0.3497, 0.3665



18.5118, 0.3290, 0.3333



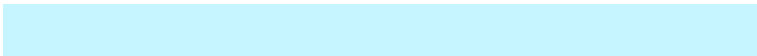
12.2630, 0.6217, 0.3446



1.3301, 0.6019, 0.3603

Inverse Universe

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



84.6608, 0.2792, 0.3183



82.1925, 0.2733, 0.3162



69.3292, 0.2770, 0.2884



19.8967, 0.2980, 0.3246



27.9110, 0.2085, 0.2707



2.8553, 0.2106, 0.2781

Previews

White Background



This preview shows how the Yxy color 70.9844, 0.3555, 0.3394 looks on a white background.

Color Contrast Check

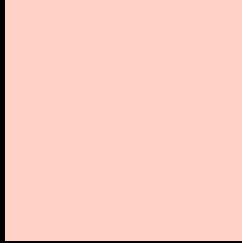
Large Text (above 18pt) WCAG AA × Fail

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 70.9844, 0.3555, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

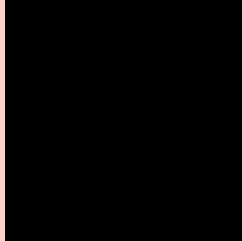
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9844, 0.3555, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 70.9844, 0.3555, 0.3394.



This preview shows how white text looks on a background with the Yxy color 70.9844, 0.3555, 0.3394.

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

70.9844, 0.3555, 0.3394

Protanopia

71.3536, 0.3287, 0.3454

Deuteranopia

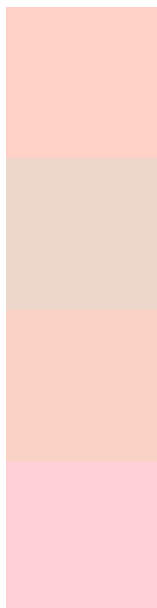
71.1206, 0.3502, 0.3437



Tritanopia

71.1061, 0.3392, 0.3149

Trichromacy



Original Color

70.9844, 0.3555, 0.3394

Protanomaly

70.8697, 0.3382, 0.3430

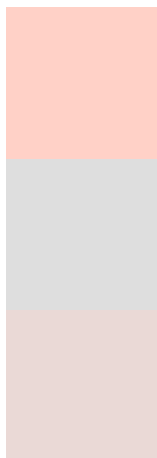
Deuteranomaly

71.1750, 0.3527, 0.3426

Tritanomaly

71.1758, 0.3451, 0.3240

Monochromacy



Original Color

70.9844, 0.3555, 0.3394

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.9732, 0.3272, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9844, 0.3555, 0.3394 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, 209, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 199)  
}
```

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, 209, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 199) }
```

Border

The CSS property to change the border of an element to Yxy 70.9844, 0.3555, 0.3394 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, 209, 199) }
```

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

```
.border{ border-color:rgb(255, 209, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9844, 0.3555, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 199) }
```

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

```
.background{ background-color: rgb(255,  
209, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor