

Converting Colors

$Y_{xy}(72.4788, 0.3689, 0.3524)$

Have a look what the booklet for
Yxy(72.4788, 0.3689, 0.3524)
contains.

Yxy(71.4794, 0.3634, 0.3528)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.4794, 0.3634, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3BC
RGB	255, 211, 188
RGB Percent	100%, 83%, 74%
CMY	0.0000, 0.1726, 0.2627
CMYK	0.00, 0.17, 0.26, 0.00
HSL	21°, 100%, 87%
HSV	21°, 26%, 100%
XYZ	73.6270, 71.4794, 57.4996
YIQ	221.5340, 33.6070, 2.1750

Conversions

Conversions Part 2

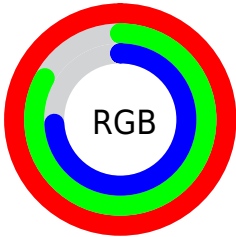
Format	Color
R _Y B	255, 223, 188
Decimal	16765884
CIE Lab	87.72, 12.14, 17.16
CIE LCh	88, 21.026, 54.722
Yxy	71.4794, 0.3634, 0.3528
Android (android.graphics.Color)	4294955964 (0xFFFFD3BC)
YUV	221.5340, -16.5323, 29.3497
Hunter-Lab	84.5455, 7.4933, 18.8586

Details

The Yxy color **71.4794, 0.3634, 0.3528** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6419, 0.2718, 0.3039**, and the grayscale version is **72.7956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **37.3965, 0.3750, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **62.5728, 0.3889, 0.3624**, and if you desaturate by 10%, it is **81.4341, 0.3415, 0.3434**.

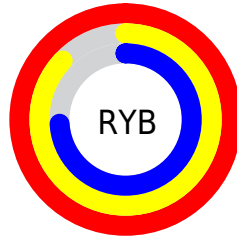
Distribution



Red (100%)

Green (83%)

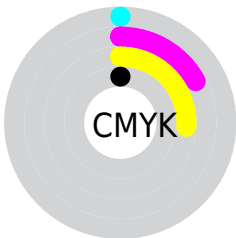
Blue (74%)



Red (100%)

Yellow (87%)

Blue (74%)

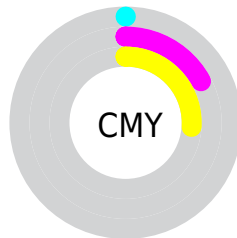


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4794, 0.3634, 0.3528 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 71.4794, 0.3634, 0.3528 by changing the saturation by 10% instead.


 71.4794, 0.3634,
0.3528

 71.4794, 0.3634,
0.3528

465.7275, 0.3397,
0.3422

 52.7335, 0.3689,
0.3551

 121.3161, 0.3551,
0.3492

 37.5901, 0.3756,
0.3579

153.1757, 0.3519,
0.3478

 25.6647, 0.3842,
0.3612


190.1753, 0.3492,
0.3466

 16.5730, 0.3955,
0.3655

232.6993, 0.3468,
0.3455

 9.9305, 0.4109,
0.3708

281.1322, 0.3447,
0.3445

 5.3529, 0.4329,
0.3777

335.8582, 0.3428,

 2.4558, 0.4668,

0.3437

0.3861

397.2619, 0.3412,
0.3429

0.8544, 0.5711,
0.4289

0.0000, 1.0000,
0.0000

71.4794, 0.3634,
0.3528

71.4794, 0.3634,
0.3528

62.5728, 0.3889,
0.3624

81.4341, 0.3415,
0.3434

54.6986, 0.4181,
0.3715

92.4926, 0.3229,
0.3344

47.8107, 0.4508,
0.3793

100.0000, 0.3127,
0.3290

41.8677, 0.4859,
0.3846

■ 36.8244, 0.5211,
0.3862

■ 32.6314, 0.5536,
0.3830

■ 29.2327, 0.5801,
0.3746

■ 28.1491, 0.5886,
0.3708

Harmonies

Analogous

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



71.4794, 0.3576, 0.3318



71.4794, 0.3634, 0.3528



71.4794, 0.3550, 0.3687

Triad

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



71.4794, 0.3634, 0.3528



71.4794, 0.2861, 0.3476



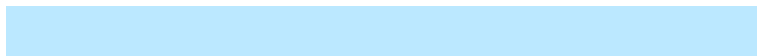
71.4794, 0.2892, 0.2870

Complementary

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



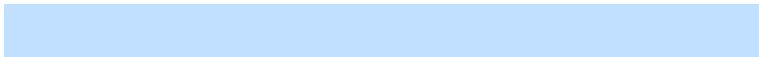
71.4794, 0.3634, 0.3528



75.6419, 0.2718, 0.3039

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.



71.4794, 0.2715, 0.2894



71.4794, 0.3634, 0.3528



71.4794, 0.2697, 0.3235

Square

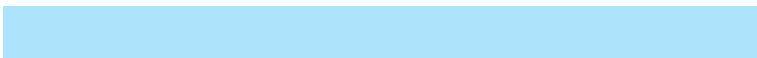
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4794, 0.3634, 0.3528



71.4794, 0.3099, 0.3667



71.4794, 0.2645, 0.3022



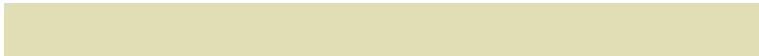
71.4794, 0.3139, 0.2950

Rectangle

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



71.4794, 0.3634, 0.3528



71.4794, 0.3428, 0.3739



71.4794, 0.2645, 0.3022



71.4794, 0.2823, 0.2866

Sweetspot

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



71.4724, 0.3634, 0.3528



90.4990, 0.3259, 0.3359



63.0963, 0.3327, 0.2841



19.0054, 0.3286, 0.3372



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.



71.4724, 0.3634, 0.3528



66.2449, 0.3775, 0.3583



89.4938, 0.3552, 0.3847



19.0054, 0.3286, 0.3372



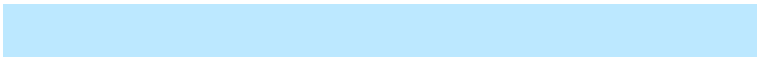
14.9570, 0.5857, 0.3732



1.6502, 0.5638, 0.3905

Inverse Universe

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



75.6419, 0.2718, 0.3039



71.0972, 0.2630, 0.2975



58.8415, 0.2682, 0.2663



19.3709, 0.2980, 0.3207



18.6086, 0.1924, 0.2124



2.0153, 0.1965, 0.2273

Previews

White Background



This preview shows how the Yxy color 71.4794, 0.3634, 0.3528 looks on a white background.

Color Contrast Check

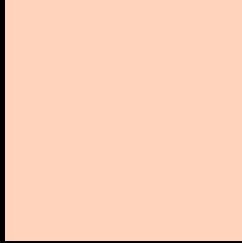
Large Text (above 18pt) WCAG AA × Fail

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 71.4794, 0.3634, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

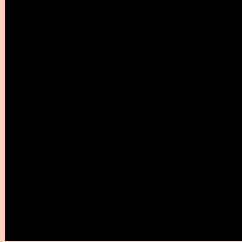
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4794, 0.3634, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 71.4794, 0.3634, 0.3528.

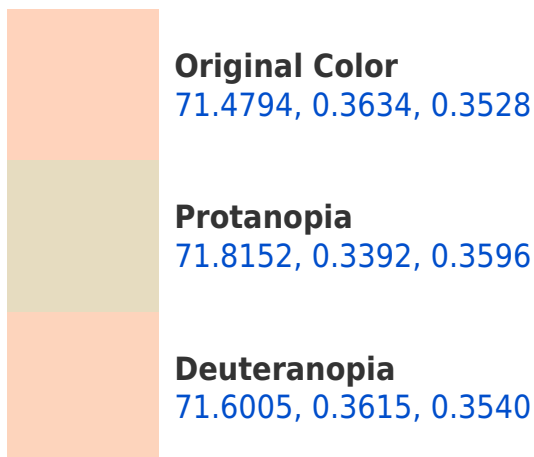


This preview shows how white text looks on a background with the Yxy color 71.4794, 0.3634, 0.3528.

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

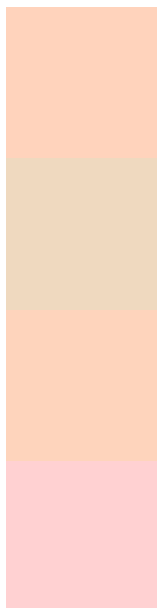




Tritanopia

71.6457, 0.3384, 0.3149

Trichromacy



Original Color

71.4794, 0.3634, 0.3528

Protanomaly

71.7380, 0.3473, 0.3569

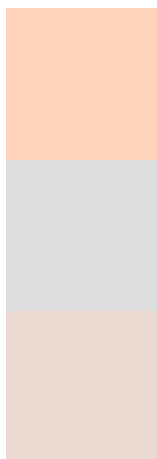
Deuteranomaly

71.7886, 0.3623, 0.3539

Tritanomaly

71.5141, 0.3472, 0.3281

Monochromacy



Original Color

71.4794, 0.3634, 0.3528

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2884, 0.3299, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4794, 0.3634, 0.3528 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, 211, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 188)  
}
```

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, 211, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 188) }
```

Border

The CSS property to change the border of an element to Yxy 71.4794, 0.3634, 0.3528 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, 211, 188) }
```

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

```
.border{ border-color:rgb(255, 211, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4794, 0.3634, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 188) }
```

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

```
.background{ background-color: rgb(255,  
211, 188) }
```

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