

Converting Colors

$Yxy(77.9910, 0.3820, 0.3456)$

Have a look what the booklet for
Yxy(77.9910, 0.3820, 0.3456)
contains.

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Color

Yxy(71.7436, 0.3588, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3C2
RGB	255, 211, 194
RGB Percent	100%, 83%, 76%
CMY	0.0001, 0.1725, 0.2392
CMYK	0.00, 0.17, 0.24, 0.00
HSL	17°, 100%, 88%
HSV	17°, 24%, 100%
XYZ	74.2689, 71.7436, 60.9800
YIQ	222.2180, 31.6810, 4.0410

Conversions

Conversions Part 2

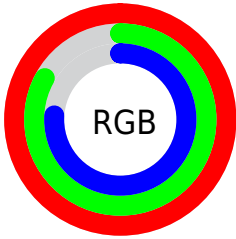
Format	Color
R _Y B	255, 218, 194
Decimal	16765890
CIE Lab	87.85, 12.92, 14.19
CIE LCh	88, 19.191, 47.667
Yxy	71.7436, 0.3588, 0.3466
Android (android.graphics.Color)	4294955970 (0xFFFFD3C2)
YUV	222.2180, -13.9115, 28.7498
Hunter-Lab	84.7016, 8.2864, 16.6059

Details

The Yxy color **71.7436, 0.3588, 0.3466** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8329, 0.2758, 0.3107**, and the grayscale version is **73.2941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **37.6762, 0.3710, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **62.0760, 0.3845, 0.3544**, and if you desaturate by 10%, it is **82.6598, 0.3371, 0.3389**.

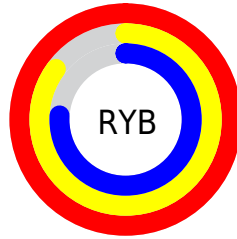
Distribution



Red (100%)

Green (83%)

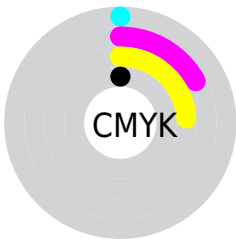
Blue (76%)



Red (100%)

Yellow (85%)

Blue (76%)

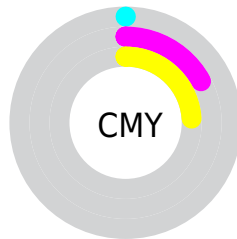


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7436, 0.3588, 0.3466 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 71.7436, 0.3588, 0.3466 by changing the saturation by 10% instead.

 71.7436, 0.3588,
0.3466

 71.7436, 0.3588,
0.3466


466.6487, 0.3372,
0.3388

 52.9493, 0.3638,
0.3483


121.6919, 0.3513,
0.3440

 37.7623, 0.3699,
0.3503

153.6147, 0.3484,
0.3429

 25.7982, 0.3778,
0.3527


190.6824, 0.3459,
0.3420

 16.6728, 0.3881,
0.3558

233.2794, 0.3437,
0.3412

 10.0014, 0.4022,
0.3597

281.7902, 0.3418,
0.3405

 5.3999, 0.4226,
0.3646

336.5990, 0.3401,

 2.4838, 0.4544,

0.3399

0.3706

398.0904, 0.3386,
0.3393

0.8685, 0.5756,
0.4244

0.0000, 1.0000,
0.0000

71.7436, 0.3588,
0.3466

71.7436, 0.3588,
0.3466

62.0760, 0.3845,
0.3544

82.6598, 0.3371,
0.3389

53.6020, 0.4145,
0.3620

94.8574, 0.3190,
0.3317

46.2769, 0.4487,
0.3685

99.9972, 0.3127,
0.3290

40.0496, 0.4861,
0.3731

■ 34.8644, 0.5246,
0.3745

■ 30.6605, 0.5607,
0.3717

■ 27.3698, 0.5903,
0.3642

■ 25.7740, 0.6045,
0.3582

Harmonies

Analogous

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



71.7436, 0.3505, 0.3270



71.7436, 0.3588, 0.3466



71.7436, 0.3542, 0.3626

Triad

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



71.7436, 0.3588, 0.3466



71.7436, 0.2931, 0.3507



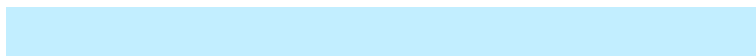
71.7436, 0.2867, 0.2902

Complementary

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



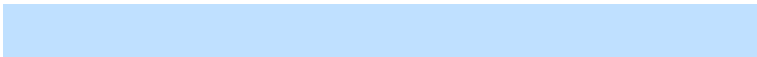
71.7436, 0.3588, 0.3466



79.8329, 0.2758, 0.3107

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.



71.7436, 0.2725, 0.2948



71.7436, 0.3588, 0.3466



71.7436, 0.2761, 0.3292

Square

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



71.7436, 0.3588, 0.3466



71.7436, 0.3158, 0.3660



71.7436, 0.2687, 0.3087



71.7436, 0.3083, 0.2954

Rectangle

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



71.7436, 0.3588, 0.3466



71.7436, 0.3445, 0.3688



71.7436, 0.2687, 0.3087



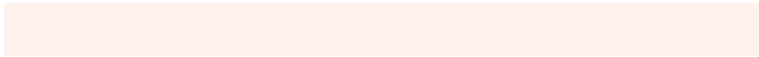
71.7436, 0.2810, 0.2906

Sweetspot

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



71.7469, 0.3588, 0.3466



90.9625, 0.3242, 0.3339



66.0631, 0.3274, 0.2844



19.3094, 0.3253, 0.3343



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.



71.7469, 0.3588, 0.3466



66.6821, 0.3713, 0.3506



87.9208, 0.3520, 0.3758



18.8112, 0.3287, 0.3357



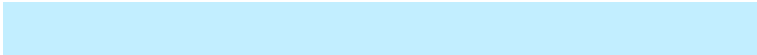
13.6837, 0.6016, 0.3605



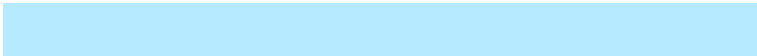
1.5069, 0.5796, 0.3780

Inverse Universe

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



79.8329, 0.2758, 0.3107



76.1151, 0.2682, 0.3062



63.9197, 0.2730, 0.2774



19.5750, 0.2980, 0.3222



21.9313, 0.1988, 0.2355



2.3197, 0.2021, 0.2474

Previews

White Background



This preview shows how the Yxy color 71.7436, 0.3588, 0.3466 looks on a white background.

Color Contrast Check

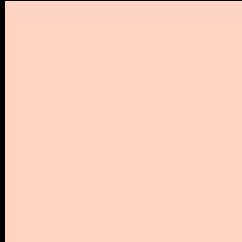
Large Text (above 18pt) WCAG AA × Fail

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 71.7436, 0.3588, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

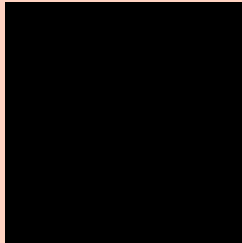
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7436, 0.3588, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 71.7436, 0.3588, 0.3466.

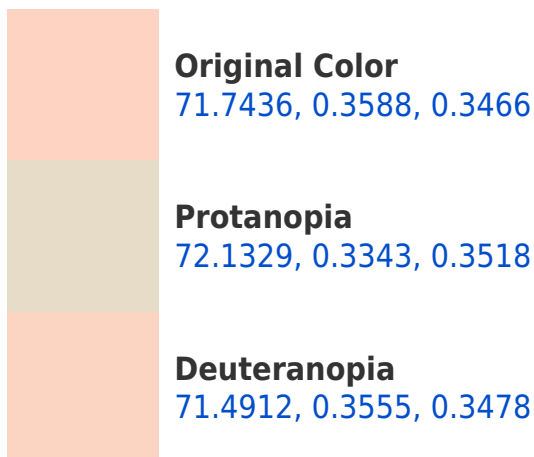


This preview shows how white text looks on a background with the Yxy color 71.7436, 0.3588, 0.3466.

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

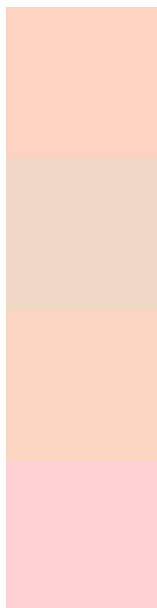




Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.7436, 0.3588, 0.3466

Protanomaly

72.0076, 0.3430, 0.3504

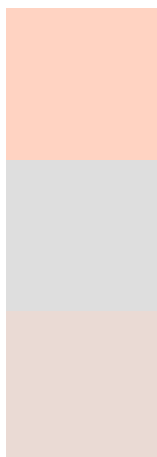
Deuteranomaly

71.6775, 0.3563, 0.3478

Tritanomaly

71.6144, 0.3457, 0.3260

Monochromacy



Original Color

71.7436, 0.3588, 0.3466

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3887, 0.3285, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7436, 0.3588, 0.3466 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 194) }
```

Border

The CSS property to change the border of an element to Yxy 71.7436, 0.3588, 0.3466 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, 194) }
```

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

```
.border{ border-color:rgb(255, 211, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7436, 0.3588, 0.3466 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
211, 194) }
```

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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