

Converting Colors

$Yxy(71.4218, 0.3545, 0.3588)$

Have a look what the booklet for
Yxy(71.4218, 0.3545, 0.3588)
contains.

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Color

Yxy(71.4218, 0.3545, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	F4D7BB
RGB	244, 215, 187
RGB Percent	96%, 84%, 73%
CMY	0.0433, 0.1568, 0.2667
CMYK	0.00, 0.12, 0.23, 0.04
HSL	30°, 72%, 84%
HSV	30°, 23%, 96%
XYZ	70.5659, 71.4218, 57.0698
YIQ	220.4790, 26.2720, -2.5600

Conversions

Conversions Part 2

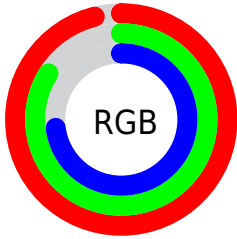
Format	Color
R_{YB}	244, 242, 187
Decimal	16046011
CIE Lab	87.69, 5.81, 17.52
CIE LCh	88, 18.458, 71.656
Yxy	71.4218, 0.3545, 0.3588
Android (android.graphics.Color)	4294236091 (0xFFF4D7BB)
YUV	220.4790, -16.5051, 20.6279
Hunter-Lab	84.5114, 1.1500, 19.1200

Details

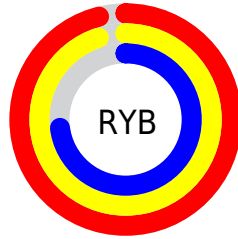
The Yxy color **71.4218, 0.3545, 0.3588** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.1621, 0.2756, 0.2972**, and the grayscale version is **72.0244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **37.4276, 0.3642, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **64.3937, 0.3766, 0.3723**, and if you desaturate by 10%, it is **79.1118, 0.3350, 0.3456**.

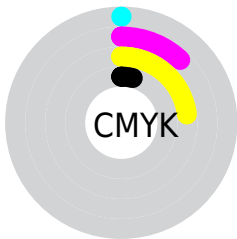
Distribution



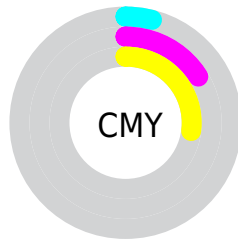
- Red (96%)
- Green (84%)
- Blue (73%)



- Red (96%)
- Yellow (95%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4218, 0.3545, 0.3588 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 71.4218, 0.3545, 0.3588 by changing the saturation by 10% instead.


 71.4218, 0.3545,
0.3588

 71.4218, 0.3545,
0.3588


465.5266, 0.3350,
0.3452

 52.6865, 0.3590,
0.3618


 121.2341, 0.3477,
0.3541

 37.5526, 0.3645,
0.3656


153.0799, 0.3451,
0.3523

 25.6356, 0.3715,
0.3702

190.0647, 0.3428,
0.3507

 16.5512, 0.3807,
0.3762

232.5728, 0.3409,
0.3493

 9.9151, 0.3932,
0.3840

280.9886, 0.3391,
0.3481

 5.3427, 0.4110,
0.3947

335.6966, 0.3376,

 2.4497, 0.4383,

0.3470

0.4099

397.0811, 0.3362,
0.3461

0.8513, 0.5289,
0.4711

0.0000, 0.0000,
0.0000

71.4218, 0.3545,
0.3588

71.4218, 0.3545,
0.3588

64.3937, 0.3766,
0.3723

79.1118, 0.3350,
0.3456

57.9982, 0.4011,
0.3854

87.4724, 0.3179,
0.3330

52.2181, 0.4278,
0.3974

96.1872, 0.3060,
0.3263

47.0312, 0.4558,
0.4071

97.9657, 0.3059,
0.3290

■ 42.4137, 0.4838,
0.4132

■ 38.3394, 0.5100,
0.4146

■ 34.7786, 0.5327,
0.4103

■ 32.6729, 0.5456,
0.4050

Harmonies

Analogous

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



71.4218, 0.3565, 0.3424



71.4218, 0.3545, 0.3588



71.4218, 0.3411, 0.3680

Triad

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



71.4218, 0.3545, 0.3588



71.4218, 0.2801, 0.3335



71.4218, 0.3040, 0.2948

Complementary

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



71.4218, 0.3545, 0.3588



66.1621, 0.2756, 0.2972

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.



71.4218, 0.2843, 0.2917



71.4218, 0.3545, 0.3588



71.4218, 0.2709, 0.3131

Square

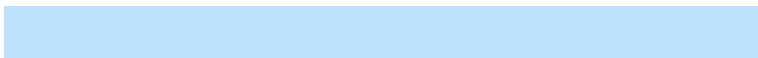
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4218, 0.3545, 0.3588



71.4218, 0.2980, 0.3535



71.4218, 0.2724, 0.2980



71.4218, 0.3267, 0.3063

Rectangle

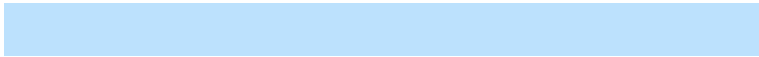
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4218, 0.3545, 0.3588



71.4218, 0.3277, 0.3682



71.4218, 0.2724, 0.2980



71.4218, 0.2968, 0.2928

Sweetspot

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



71.4250, 0.3545, 0.3588



93.2549, 0.3239, 0.3376



59.7387, 0.3368, 0.2980



19.8397, 0.3249, 0.3383



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.



71.4250, 0.3545, 0.3588



75.2304, 0.3646, 0.3651



86.9193, 0.3482, 0.3865



17.8293, 0.3281, 0.3407



18.0448, 0.5431, 0.4070



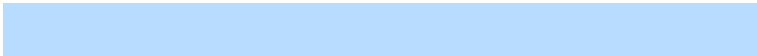
1.7912, 0.5235, 0.4226

Inverse Universe

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



66.1621, 0.2756, 0.2972



68.4749, 0.2679, 0.2898



53.0294, 0.2729, 0.2642



17.3181, 0.2980, 0.3171



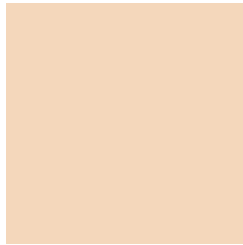
11.6533, 0.1779, 0.1603



1.2299, 0.1841, 0.1827

Previews

White Background



This preview shows how the Yxy color 71.4218, 0.3545, 0.3588 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 71.4218, 0.3545, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

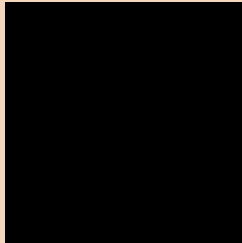
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4218, 0.3545, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 71.4218, 0.3545, 0.3588.

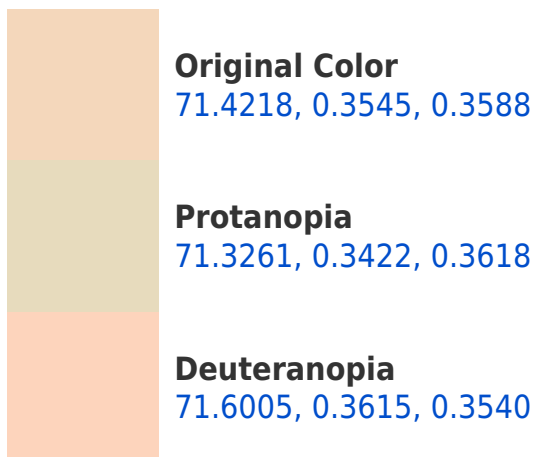


This preview shows how white text looks on a background with the Yxy color 71.4218, 0.3545, 0.3588.

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

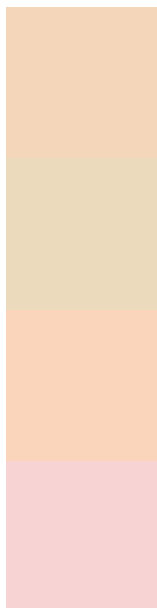




Tritanopia

71.2317, 0.3308, 0.3117

Trichromacy



Original Color

71.4218, 0.3545, 0.3588

Protanomaly

71.6065, 0.3470, 0.3614

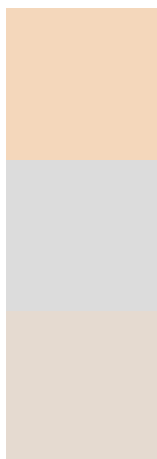
Deuteranomaly

71.5433, 0.3589, 0.3552

Tritanomaly

71.1162, 0.3392, 0.3280

Monochromacy



Original Color

71.4218, 0.3545, 0.3588

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.3549, 0.3276, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4218, 0.3545, 0.3588 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(244, 215, 187)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 187)  
}
```

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(244, 215, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 187) }
```

Border

The CSS property to change the border of an element to Yxy 71.4218, 0.3545, 0.3588 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(244, 215, 187) }
```

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

```
.border{ border-color:rgb(244, 215, 187) }
```

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

Here you see how a box with a 4 pixel rgb(244, 215, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 187);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4218, 0.3545, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 187) }
```

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

```
.background{ background-color: rgb(244,  
215, 187) }
```

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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