

Converting Colors

$Yxy(71.6437, 0.3608, 0.3529)$

Have a look what the booklet for
Yxy(71.6437, 0.3608, 0.3529)
contains.

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Color

Yxy(71.6437, 0.3608, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	FDD4BD
RGB	253, 212, 189
RGB Percent	99%, 83%, 74%
CMY	0.0077, 0.1687, 0.2587
CMYK	0.00, 0.16, 0.25, 0.01
HSL	22°, 94%, 87%
HSV	22°, 25%, 99%
XYZ	73.2475, 71.6437, 58.1230
YIQ	221.6370, 31.8190, 1.5390

Conversions

Conversions Part 2

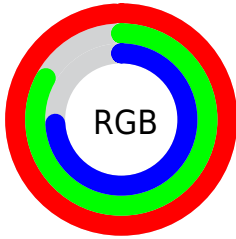
Format	Color
R _Y B	253, 225, 189
Decimal	16635069
CIE Lab	87.80, 11.01, 16.72
CIE LCh	88, 20.019, 56.633
Yxy	71.6437, 0.3608, 0.3529
Android (android.graphics.Color)	4294825149 (0xFFFD4BD)
YUV	221.6370, -16.0900, 27.5054
Hunter-Lab	84.6426, 6.3447, 18.5362

Details

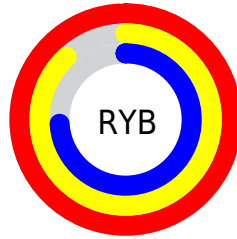
The Yxy color **71.6437, 0.3608, 0.3529** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5440, 0.2732, 0.3038**, and the grayscale version is **72.8811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **37.6273, 0.3726, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **62.9347, 0.3857, 0.3629**, and if you desaturate by 10%, it is **81.3659, 0.3394, 0.3431**.

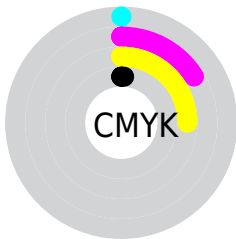
Distribution



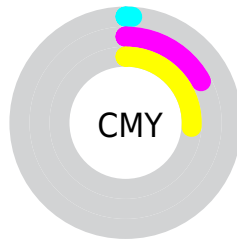
- Red (99%)
- Green (83%)
- Blue (74%)



- Red (99%)
- Yellow (88%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (1%)




- Cyan (1%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6437, 0.3608, 0.3529 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 71.6437, 0.3608, 0.3529 by changing the saturation by 10% instead.

 71.6437, 0.3608,
0.3529

 71.6437, 0.3608,
0.3529

466.3005, 0.3383,
0.3422

 52.8677, 0.3660,
0.3552


 121.5498, 0.3530,
0.3493

 37.6971, 0.3724,
0.3580

153.4487, 0.3499,
0.3479

 25.7477, 0.3805,
0.3615


190.4907, 0.3473,
0.3466

 16.6350, 0.3912,
0.3659

233.0601, 0.3450,
0.3455

 9.9746, 0.4058,
0.3714

281.5414, 0.3431,
0.3446

 5.3821, 0.4267,
0.3787

336.3190, 0.3413,

 2.4732, 0.4589,

0.3437

0.3880

397.7772, 0.3397,
0.3429

0.8632, 0.5635,
0.4365

0.0000, 1.0000,
0.0000

71.6437, 0.3608,
0.3529

71.6437, 0.3608,
0.3529

62.9347, 0.3857,
0.3629

81.3659, 0.3394,
0.3431

55.1953, 0.4141,
0.3725

92.1237, 0.3212,
0.3337

48.3927, 0.4459,
0.3809

99.6290, 0.3115,
0.3290

42.4887, 0.4801,
0.3869

■ 37.4416, 0.5146,
0.3892

■ 33.2062, 0.5468,
0.3868

■ 29.7312, 0.5736,
0.3790

■ 28.3373, 0.5843,
0.3742

Harmonies

Analogous

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



71.6437, 0.3561, 0.3331



71.6437, 0.3608, 0.3529



71.6437, 0.3520, 0.3675

Triad

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



71.6437, 0.3608, 0.3529



71.6437, 0.2861, 0.3453



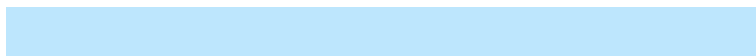
71.6437, 0.2917, 0.2892

Complementary

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



71.6437, 0.3608, 0.3529



74.5440, 0.2732, 0.3038

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.



71.6437, 0.2742, 0.2908



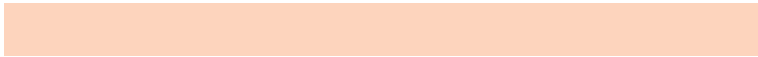
71.6437, 0.3608, 0.3529



71.6437, 0.2711, 0.3224

Square

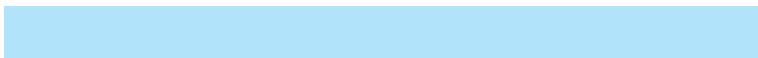
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6437, 0.3608, 0.3529



71.6437, 0.3086, 0.3639



71.6437, 0.2668, 0.3025



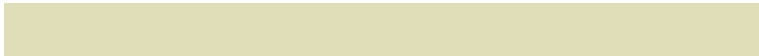
71.6437, 0.3155, 0.2973

Rectangle

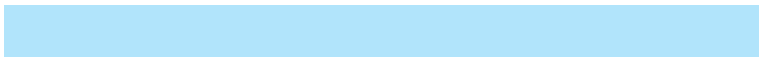
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6437, 0.3608, 0.3529



71.6437, 0.3400, 0.3718



71.6437, 0.2668, 0.3025



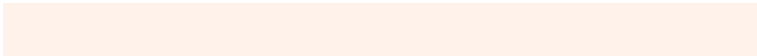
71.6437, 0.2850, 0.2886

Sweetspot

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



71.6470, 0.3608, 0.3529



90.6921, 0.3259, 0.3362



63.0417, 0.3326, 0.2868



19.0538, 0.3285, 0.3376



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

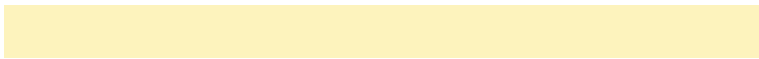
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6470, 0.3608, 0.3529



68.6141, 0.3721, 0.3576



88.9241, 0.3532, 0.3836



19.0538, 0.3285, 0.3376



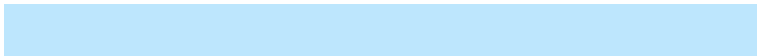
15.3197, 0.5814, 0.3766



1.6895, 0.5598, 0.3937

Inverse Universe

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



74.5440, 0.2732, 0.3038



71.9826, 0.2659, 0.2984



58.5889, 0.2699, 0.2678



19.3205, 0.2980, 0.3203



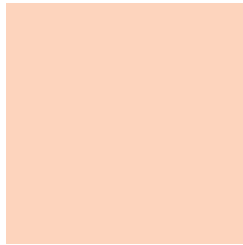
17.8443, 0.1908, 0.2067



1.9444, 0.1951, 0.2222

Previews

White Background



This preview shows how the Yxy color 71.6437, 0.3608, 0.3529 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 71.6437, 0.3608, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

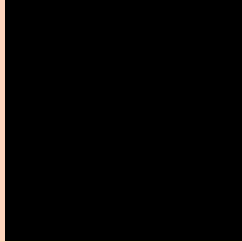
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.6437, 0.3608, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 71.6437, 0.3608, 0.3529.



This preview shows how white text looks on a background with the Yxy color 71.6437, 0.3608, 0.3529.

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

71.6437, 0.3608, 0.3529

Protanopia

72.0256, 0.3392, 0.3584

Deuteranopia

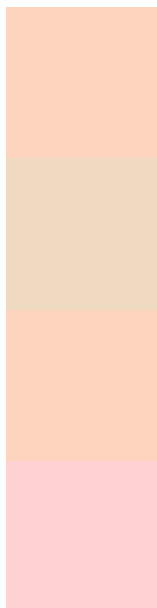
71.6437, 0.3608, 0.3529



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.6437, 0.3608, 0.3529

Protanomaly

71.7822, 0.3466, 0.3558

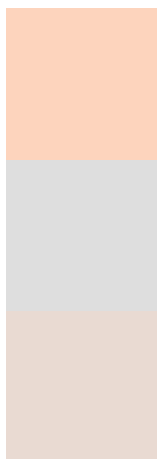
Deuteranomaly

71.6437, 0.3608, 0.3529

Tritanomaly

71.3749, 0.3456, 0.3271

Monochromacy



Original Color

71.6437, 0.3608, 0.3529

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.1196, 0.3291, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6437, 0.3608, 0.3529 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(253, 212, 189)` looks like.

```
.text, #text, p{  
    color:rgb(253, 212, 189)  
}
```

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(253, 212, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 212, 189) }
```

Border

The CSS property to change the border of an element to Yxy 71.6437, 0.3608, 0.3529 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(253, 212, 189) }
```

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

```
.border{ border-color:rgb(253, 212, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 212, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 212, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 212, 189); box-shadow:4px 4px 4px 4px rgb(253, 212, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6437, 0.3608, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 212, 189) }
```

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

```
.background{ background-color: rgb(253,  
212, 189) }
```

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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