

Converting Colors

$Yxy(71.7040, 0.3394, 0.3328)$

Have a look what the booklet for
Yxy(71.7040, 0.3394, 0.3328)
contains.

Yxy(71.6044, 0.3396, 0.3333)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.6044, 0.3396, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	F5D5D1
RGB	245, 213, 209
RGB Percent	96%, 84%, 82%
CMY	0.0392, 0.1647, 0.1805
CMYK	0.00, 0.13, 0.15, 0.04
HSL	7°, 64%, 89%
HSV	7°, 15%, 96%
XYZ	72.9579, 71.6044, 70.2724
YIQ	222.1120, 20.3560, 5.5400

Conversions

Conversions Part 2

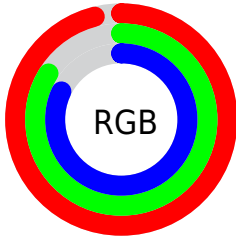
Format	Color
R _Y B	245, 214, 209
Decimal	16111057
CIE Lab	87.78, 10.49, 6.09
CIE LCh	88, 12.127, 30.142
Yxy	71.6044, 0.3396, 0.3333
Android (android.graphics.Color)	4294301137 (0xFFFF5D5D1)
YUV	222.1120, -6.4642, 20.0728
Hunter-Lab	84.6194, 5.8167, 9.9960

Details

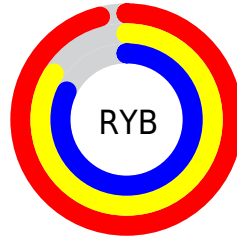
The Yxy color **71.6044, 0.3396, 0.3333** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.0349, 0.2902, 0.3247**, and the grayscale version is **73.1670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5116, 0.3453, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **60.2665, 0.3631, 0.3365**, and if you desaturate by 10%, it is **84.6031, 0.3205, 0.3303**.

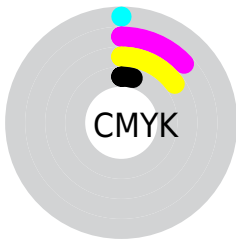
Distribution



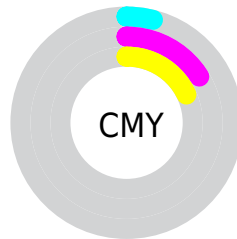
- Red (96%)
- Green (84%)
- Blue (82%)



- Red (96%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6044, 0.3396, 0.3333 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 71.6044, 0.3396, 0.3333 by changing the saturation by 10% instead.


 71.6044, 0.3396,
0.3333

 71.6044, 0.3396,
0.3333

466.1635, 0.3270,
0.3314

 52.8356, 0.3425,
0.3337


121.4939, 0.3352,
0.3327

 37.6715, 0.3461,
0.3342


153.3834, 0.3335,
0.3324

 25.7279, 0.3507,
0.3347


190.4153, 0.3321,
0.3322

 16.6202, 0.3567,
0.3354

232.9738, 0.3308,
0.3320

 9.9640, 0.3650,
0.3363

281.4436, 0.3297,
0.3319

 5.3751, 0.3772,
0.3374

336.2088, 0.3287,

 2.4690, 0.3966,

0.3317

0.3387

397.6540, 0.3278,
0.3316

0.8611, 0.4440,
0.3487

0.0000, 1.0000,
0.0000

71.6044, 0.3396,
0.3333

71.6044, 0.3396,
0.3333

60.2665, 0.3631,
0.3365

84.6031, 0.3205,
0.3303

50.5133, 0.3919,
0.3397

98.1544, 0.3066,
0.3290

42.2770, 0.4265,
0.3427

35.4812, 0.4667,
0.3451

■ 30.0427, 0.5111,
0.3464

■ 25.8700, 0.5559,
0.3458

■ 22.8600, 0.5952,
0.3431

■ 20.8931, 0.6229,
0.3384

■ 20.2204, 0.6325,
0.3360

Harmonies

Analogous

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



71.6044, 0.3303, 0.3207



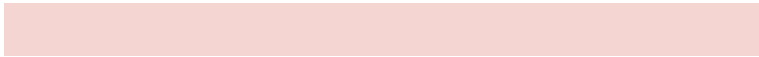
71.6044, 0.3396, 0.3333



71.6044, 0.3415, 0.3451

Triad

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



71.6044, 0.3396, 0.3333



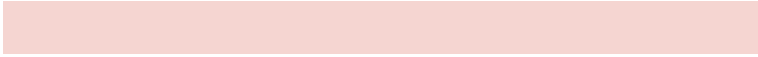
71.6044, 0.3087, 0.3488



71.6044, 0.2902, 0.3052

Complementary

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



71.6044, 0.3396, 0.3333



83.0349, 0.2902, 0.3247

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.



71.6044, 0.2847, 0.3120



71.6044, 0.3396, 0.3333



71.6044, 0.2952, 0.3373

Square

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



71.6044, 0.3396, 0.3333



71.6044, 0.3234, 0.3545



71.6044, 0.2866, 0.3237



71.6044, 0.3016, 0.3047

Rectangle

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



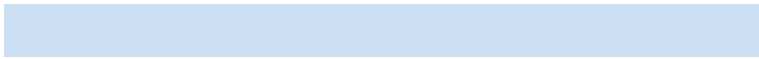
71.6044, 0.3396, 0.3333



71.6044, 0.3383, 0.3510



71.6044, 0.2866, 0.3237



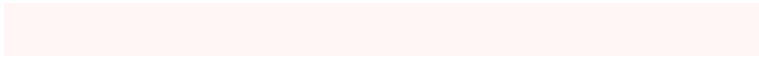
71.6044, 0.2876, 0.3068

Sweetspot

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



71.6076, 0.3396, 0.3333



93.7178, 0.3192, 0.3301



71.3725, 0.3169, 0.2961



19.8139, 0.3205, 0.3303



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

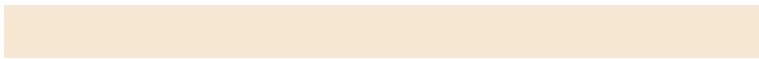
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6076, 0.3396, 0.3333



74.0871, 0.3469, 0.3343



80.9397, 0.3369, 0.3513



16.7816, 0.3291, 0.3317



10.9897, 0.6308, 0.3373



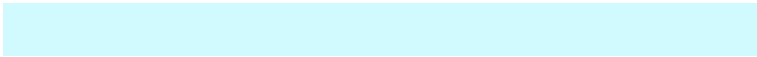
1.0619, 0.6133, 0.3512

Inverse Universe

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



83.0349, 0.2902, 0.3247



89.0693, 0.2852, 0.3236



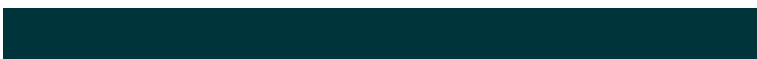
73.1230, 0.2895, 0.3056



18.4217, 0.2981, 0.3263



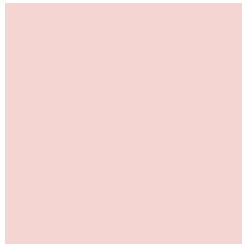
30.5603, 0.2148, 0.2933



2.7746, 0.2162, 0.2982

Previews

White Background



This preview shows how the Yxy color 71.6044, 0.3396, 0.3333 looks on a white background.

Color Contrast Check

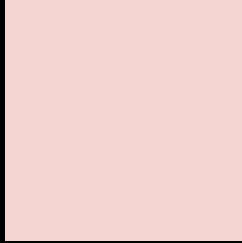
Large Text (above 18pt) WCAG AA × Fail

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 71.6044, 0.3396, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

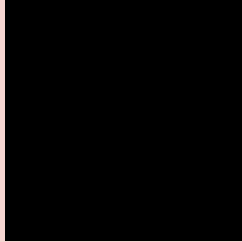
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.6044, 0.3396, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 71.6044, 0.3396, 0.3333.

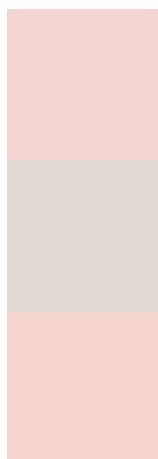


This preview shows how white text looks on a background with the Yxy color 71.6044, 0.3396, 0.3333.

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

71.6044, 0.3396, 0.3333

Protanopia

71.5853, 0.3225, 0.3366

Deuteranopia

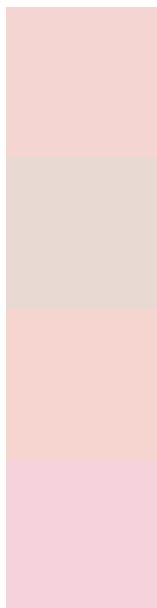
71.7848, 0.3403, 0.3333



Tritanopia

71.4134, 0.3284, 0.3116

Trichromacy



Original Color

71.6044, 0.3396, 0.3333

Protanomaly

71.6525, 0.3286, 0.3355

Deuteranomaly

71.7848, 0.3403, 0.3333

Tritanomaly

71.3487, 0.3326, 0.3198

Monochromacy



Original Color

71.6044, 0.3396, 0.3333

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4958, 0.3220, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6044, 0.3396, 0.3333 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(245, 213, 209)` looks like.

```
.text, #text, p{  
    color:rgb(245, 213, 209)  
}
```

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(245, 213, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 213, 209) }
```

Border

The CSS property to change the border of an element to Yxy 71.6044, 0.3396, 0.3333 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(245, 213, 209) }
```

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

```
.border{ border-color:rgb(245, 213, 209) }
```

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

Here you see how a box with a 4 pixel rgb(245, 213, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 213, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 213, 209);  
box-shadow:4px 4px 4px 4px rgb(245, 213,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6044, 0.3396, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 213, 209) }
```

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

```
.background{ background-color: rgb(245,  
213, 209) }
```

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