

Converting Colors

$Yxy(71.8345, 0.3396, 0.3322)$

Have a look what the booklet for
Yxy(71.8345, 0.3396, 0.3322)
contains.

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Color

Yxy(71.8345, 0.3396, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	F6D5D2
RGB	246, 213, 210
RGB Percent	96%, 84%, 82%
CMY	0.0353, 0.1647, 0.1765
CMYK	0.00, 0.13, 0.15, 0.04
HSL	5°, 67%, 89%
HSV	5°, 15%, 96%
XYZ	73.4347, 71.8345, 70.9695
YIQ	222.5250, 20.6310, 6.0630

Conversions

Conversions Part 2

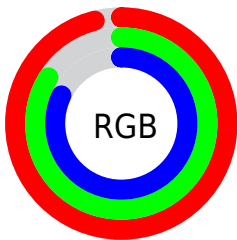
Format	Color
R _Y B	246, 213, 210
Decimal	16176594
CIE Lab	87.89, 11.00, 5.71
CIE LCh	88, 12.398, 27.431
Yxy	71.8345, 0.3396, 0.3322
Android (android.graphics.Color)	4294366674 (0xFFFF6D5D2)
YUV	222.5250, -6.1748, 20.5876
Hunter-Lab	84.7552, 6.3365, 9.6824

Details

The Yxy color **71.8345, 0.3396, 0.3322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.4611, 0.2903, 0.3258**, and the grayscale version is **73.4735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6728, 0.3454, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **60.1373, 0.3634, 0.3346**, and if you desaturate by 10%, it is **85.3040, 0.3203, 0.3300**.

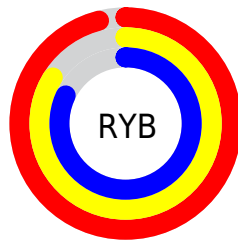
Distribution



Red (96%)

Green (84%)

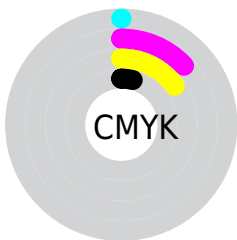
Blue (82%)



Red (96%)

Yellow (84%)

Blue (82%)

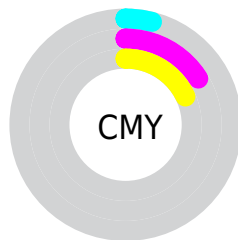


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (4%)



Cyan (4%)


Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8345, 0.3396, 0.3322 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 71.8345, 0.3396, 0.3322 by changing the saturation by 10% instead.


 71.8345, 0.3396,
0.3322

 71.8345, 0.3396,
0.3322


466.9654, 0.3271,
0.3309

 53.0235, 0.3425,
0.3325


121.8212, 0.3352,
0.3318

 37.8215, 0.3461,
0.3328


153.7657, 0.3335,
0.3316

 25.8442, 0.3507,
0.3332


190.8568, 0.3321,
0.3314

 16.7071, 0.3567,
0.3337

233.4789, 0.3308,
0.3313

 10.0259, 0.3650,
0.3342

282.0164, 0.3297,
0.3312

 5.4161, 0.3771,
0.3348

336.8537, 0.3287,

 2.4934, 0.3964,

0.3310

398.3753, 0.3278,
0.3309

0.3354

0.8733, 0.4413,
0.3424

0.0000, 1.0000,
0.0000

71.8345, 0.3396,
0.3322

71.8345, 0.3396,
0.3322

60.1373, 0.3634,
0.3346

85.3040, 0.3203,
0.3300

50.1294, 0.3926,
0.3370

98.3338, 0.3072,
0.3290

41.7357, 0.4279,
0.3392

34.8714, 0.4691,
0.3410

■ 29.4444, 0.5145,
0.3419

■ 25.3522, 0.5601,
0.3414

■ 22.4790, 0.5995,
0.3392

■ 20.6890, 0.6264,
0.3356

■ 20.1119, 0.6352,
0.3338

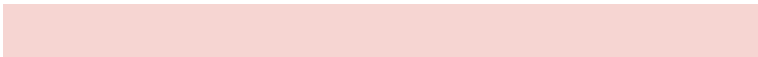
Harmonies

Analogous

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



71.8345, 0.3295, 0.3194



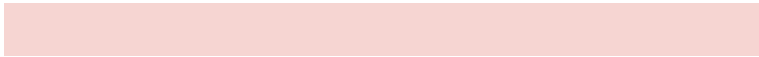
71.8345, 0.3396, 0.3322



71.8345, 0.3423, 0.3445

Triad

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



71.8345, 0.3396, 0.3322



71.8345, 0.3099, 0.3500



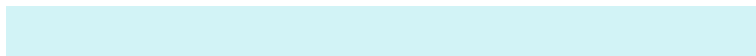
71.8345, 0.2889, 0.3051

Complementary

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



71.8345, 0.3396, 0.3322



84.4611, 0.2903, 0.3258

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.



71.8345, 0.2840, 0.3126



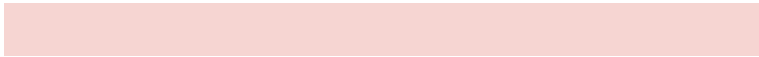
71.8345, 0.3396, 0.3322



71.8345, 0.2959, 0.3387

Square

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



71.8345, 0.3396, 0.3322



71.8345, 0.3249, 0.3553



71.8345, 0.2865, 0.3248



71.8345, 0.3001, 0.3040

Rectangle

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



71.8345, 0.3396, 0.3322



71.8345, 0.3395, 0.3508



71.8345, 0.2865, 0.3248



71.8345, 0.2865, 0.3069

Sweetspot

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



71.8377, 0.3396, 0.3322



93.5391, 0.3193, 0.3298



72.1968, 0.3161, 0.2951



19.7688, 0.3206, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

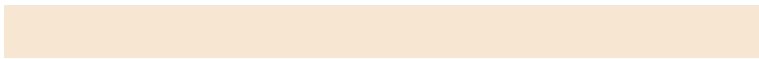
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8377, 0.3396, 0.3322



73.4190, 0.3471, 0.3330



81.0665, 0.3370, 0.3500



16.7043, 0.3292, 0.3310



10.8142, 0.6338, 0.3349



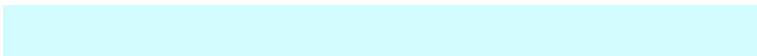
1.0252, 0.6198, 0.3461

Inverse Universe

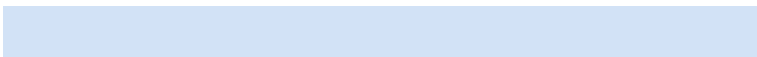
The Inverse Universe completely reimagines the original color for something new.



84.4611, 0.2903, 0.3258



89.8939, 0.2853, 0.3250



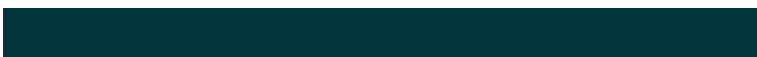
74.5345, 0.2897, 0.3071



18.5077, 0.2981, 0.3270



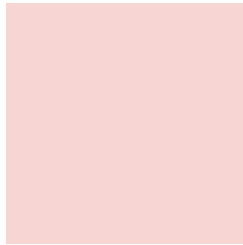
32.5413, 0.2174, 0.3027



2.9285, 0.2184, 0.3062

Previews

White Background



This preview shows how the Yxy color 71.8345, 0.3396, 0.3322 looks on a white background.

Color Contrast Check

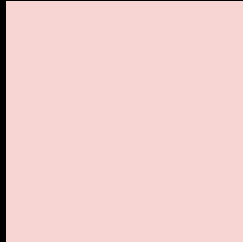
Large Text (above 18pt) WCAG AA × Fail

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 71.8345, 0.3396, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

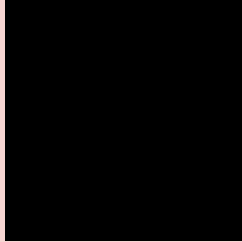
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.8345, 0.3396, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 71.8345, 0.3396, 0.3322.

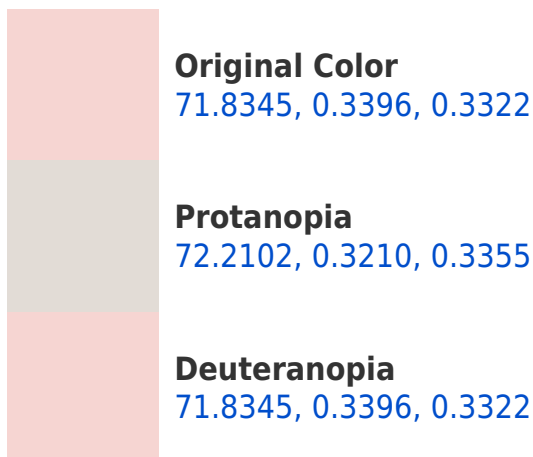


This preview shows how white text looks on a background with the Yxy color 71.8345, 0.3396, 0.3322.

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

71.5957, 0.3292, 0.3117

Trichromacy



Original Color

71.8345, 0.3396, 0.3322

Protanomaly

71.7534, 0.3272, 0.3333

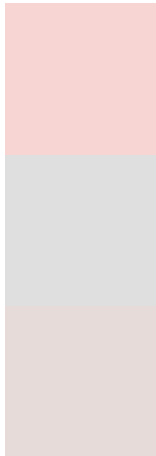
Deuteranomaly

71.8345, 0.3396, 0.3322

Tritanomaly

71.5831, 0.3326, 0.3188

Monochromacy



Original Color

71.8345, 0.3396, 0.3322

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.7139, 0.3220, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8345, 0.3396, 0.3322 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(246, 213, 210)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 210)  
}
```

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(246, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 210) }
```

Border

The CSS property to change the border of an element to Yxy 71.8345, 0.3396, 0.3322 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(246, 213, 210) }
```

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

```
.border{ border-color:rgb(246, 213, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 210);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8345, 0.3396, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 210) }
```

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

```
.background{ background-color: rgb(246,  
213, 210) }
```

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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