

Converting Colors

$Yxy(70.9703, 0.3408, 0.3336)$

Have a look what the booklet for
Yxy(70.9703, 0.3408, 0.3336)
contains.

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Color

Yxy(71.0535, 0.3405, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	F5D4D0
RGB	245, 212, 208
RGB Percent	96%, 83%, 82%
CMY	0.0391, 0.1686, 0.1845
CMYK	0.00, 0.13, 0.15, 0.04
HSL	7°, 65%, 89%
HSV	7°, 15%, 96%
XYZ	72.5884, 71.0535, 69.5399
YIQ	221.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

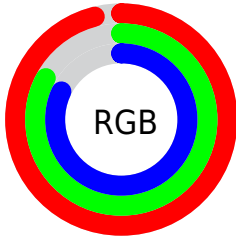
Format	Color
R _Y B	245, 212, 208
Decimal	16110800
CIE Lab	87.51, 10.86, 6.23
CIE LCh	88, 12.524, 29.842
Yxy	71.0535, 0.3405, 0.3333
Android (android.graphics.Color)	4294300880 (0xFFF5D4D0)
YUV	221.4110, -6.6116, 20.6876
Hunter-Lab	84.2932, 6.2006, 10.0924

Details

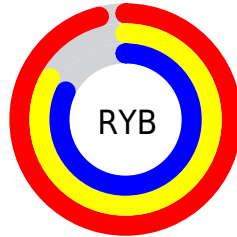
The Yxy color **71.0535, 0.3405, 0.3333** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9062, 0.2896, 0.3247**, and the grayscale version is **72.6489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1384, 0.3465, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **59.7537, 0.3643, 0.3364**, and if you desaturate by 10%, it is **84.0223, 0.3212, 0.3304**.

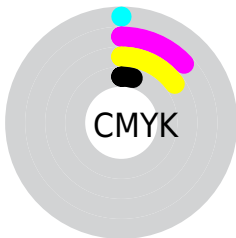
Distribution



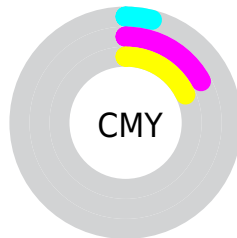
- Red (96%)
- Green (83%)
- Blue (82%)



- Red (96%)
- Yellow (83%)
- Blue (82%)



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





- Cyan (4%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0535, 0.3405, 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 71.0535, 0.3405, 0.3333 by changing the saturation by 10% instead.


 71.0535, 0.3405,
0.3333

 71.0535, 0.3405,
0.3333

464.2404, 0.3275,
0.3315

 52.3859, 0.3435,
0.3337


120.7099, 0.3360,
0.3327

 37.3127, 0.3472,
0.3342


152.4674, 0.3342,
0.3324

 25.4497, 0.3520,
0.3347

189.3571, 0.3327,
0.3322

 16.4124, 0.3583,
0.3354

231.7632, 0.3314,
0.3320

 9.8165, 0.3669,
0.3363

280.0702, 0.3302,
0.3319

 5.2774, 0.3796,
0.3373

334.6625, 0.3292,

 2.4109, 0.3999,

0.3317

395.9244, 0.3283,
0.3316

0.3385

0.8315, 0.4522,
0.3501

0.0000, 1.0000,
0.0000

71.0535, 0.3405,
0.3333

71.0535, 0.3405,
0.3333

59.7537, 0.3643,
0.3364

84.0223, 0.3212,
0.3304

50.0460, 0.3933,
0.3395

98.1576, 0.3066,
0.3290

41.8615, 0.4282,
0.3424

35.1229, 0.4688,
0.3447

■ 29.7456, 0.5134,
0.3459

■ 25.6367, 0.5582,
0.3452

■ 22.6911, 0.5971,
0.3425

■ 20.7868, 0.6242,
0.3379

■ 20.1865, 0.6328,
0.3357

Harmonies

Analogous

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



71.0535, 0.3308, 0.3203



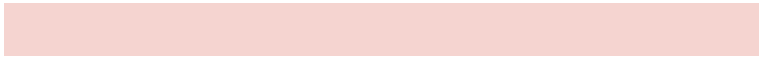
71.0535, 0.3405, 0.3333



71.0535, 0.3426, 0.3456

Triad

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



71.0535, 0.3405, 0.3333



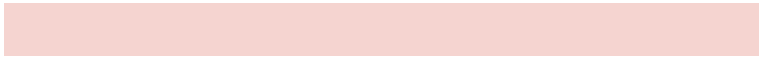
71.0535, 0.3087, 0.3496



71.0535, 0.2893, 0.3044

Complementary

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



71.0535, 0.3405, 0.3333



82.9062, 0.2896, 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.



71.0535, 0.2837, 0.3115



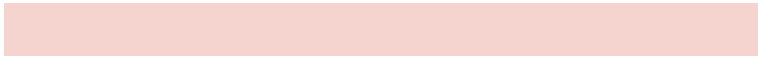
71.0535, 0.3405, 0.3333



71.0535, 0.2947, 0.3377

Square

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



71.0535, 0.3405, 0.3333



71.0535, 0.3239, 0.3555



71.0535, 0.2857, 0.3237



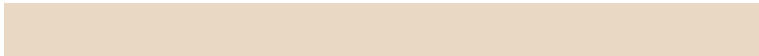
71.0535, 0.3011, 0.3039

Rectangle

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



71.0535, 0.3405, 0.3333



71.0535, 0.3393, 0.3517



71.0535, 0.2857, 0.3237



71.0535, 0.2866, 0.3061

Sweetspot

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



71.0567, 0.3405, 0.3333



92.1695, 0.3210, 0.3304



70.8825, 0.3170, 0.2951



19.5007, 0.3222, 0.3306



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

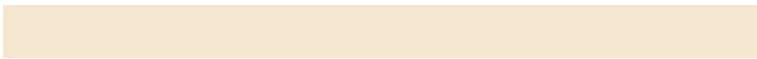
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0567, 0.3405, 0.3333



74.0103, 0.3469, 0.3342



80.6767, 0.3377, 0.3520



16.7727, 0.3291, 0.3316



10.9675, 0.6312, 0.3370



1.0577, 0.6140, 0.3506

Inverse Universe

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



82.9062, 0.2896, 0.3247



89.1634, 0.2853, 0.3238



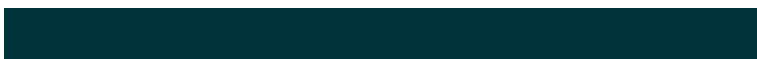
72.6626, 0.2888, 0.3049



18.4315, 0.2981, 0.3263



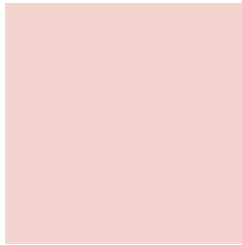
30.7830, 0.2151, 0.2944



2.7919, 0.2164, 0.2991

Previews

White Background



This preview shows how the Yxy color 71.0535, 0.3405, 0.3333 looks on a white background.

Color Contrast Check

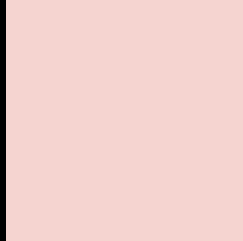
Large Text (above 18pt) WCAG AA × Fail

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 71.0535, 0.3405, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

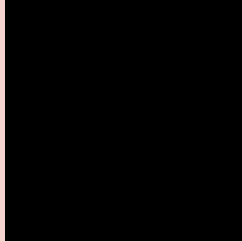
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0535, 0.3405, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 71.0535, 0.3405, 0.3333.

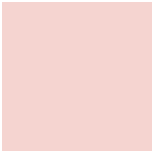
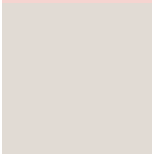



This preview shows how white text looks on a background with the Yxy color 71.0535, 0.3405, 0.3333.

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 71.0535, 0.3405, 0.3333
	Protanopia 71.4241, 0.3218, 0.3366
	Deuteranopia 71.0535, 0.3405, 0.3333



Tritanopia

70.8661, 0.3293, 0.3116

Trichromacy



Original Color

71.0535, 0.3405, 0.3333

Protanomaly

70.9707, 0.3279, 0.3344

Deuteranomaly

71.0535, 0.3405, 0.3333

Tritanomaly

70.8005, 0.3335, 0.3197

Monochromacy



Original Color

71.0535, 0.3405, 0.3333

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.9237, 0.3228, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0535, 0.3405, 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, 212, 208)` looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 208)  
}
```

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, 212, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 208) }
```

Border

The CSS property to change the border of an element to Yxy 71.0535, 0.3405, 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, 212, 208) }
```

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

```
.border{ border-color:rgb(245, 212, 208) }
```

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

Here you see how a box with a 4 pixel rgb(245, 212, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 208);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0535, 0.3405, 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, 212, 208) }
```

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

```
.background{ background-color: rgb(245,  
212, 208) }
```

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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