

Converting Colors

$Y_{xy}(70.2546, 0.3432, 0.3247)$

Have a look what the booklet for
Yxy(70.2546, 0.3432, 0.3247)
contains.

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Color

Yxy(70.3744, 0.3427, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0D4
RGB	251, 208, 212
RGB Percent	98%, 82%, 83%
CMY	0.0159, 0.1842, 0.1686
CMYK	0.00, 0.17, 0.16, 0.02
HSL	354°, 84%, 90%
HSV	354°, 17%, 98%
XYZ	74.2071, 70.3744, 71.9551
YIQ	221.3130, 24.3440, 10.3600

Conversions

Conversions Part 2

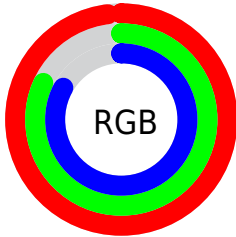
Format	Color
R _Y B	251, 208, 212
Decimal	16502996
CIE Lab	87.18, 15.66, 3.69
CIE LCh	87, 16.091, 13.259
Yxy	70.3744, 0.3427, 0.3250
Android (android.graphics.Color)	4294693076 (0xFFFB0D04)
YUV	221.3130, -4.5913, 26.0355
Hunter-Lab	83.8895, 11.0913, 7.8674

Details

The Yxy color **70.3744, 0.3427, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.0870, 0.2889, 0.3331**, and the grayscale version is **72.5562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0149, 0.3504, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **58.0222, 0.3663, 0.3225**, and if you desaturate by 10%, it is **84.8310, 0.3238, 0.3274**.

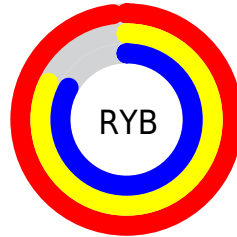
Distribution



Red (98%)

Green (82%)

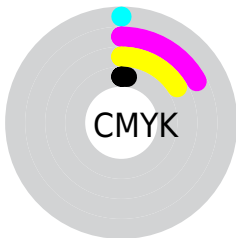
Blue (83%)



Red (98%)

Yellow (82%)

Blue (83%)

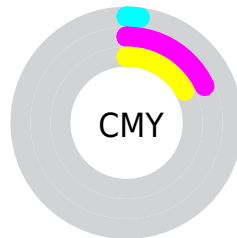


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (2%)



Cyan (2%)

Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3744, 0.3427, 0.3250 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 70.3744, 0.3427, 0.3250 by changing the saturation by 10% instead.


 70.3744, 0.3427,
0.3250

 70.3744, 0.3427,
0.3250

461.8635, 0.3287,
0.3270

 51.8318, 0.3459,
0.3245


119.7425, 0.3378,
0.3257

 36.8710, 0.3500,
0.3239


151.3369, 0.3359,
0.3260

 25.1077, 0.3551,
0.3231


188.0506, 0.3343,
0.3262

 16.1573, 0.3619,
0.3220

230.2680, 0.3329,
0.3264

 9.6355, 0.3713,
0.3204

278.3737, 0.3316,
0.3266

 5.1580, 0.3850,
0.3179

332.7519, 0.3305,

 2.3402, 0.4070,

0.3267

0.3135

393.7870, 0.3295,
0.3269

0.7949, 0.4557,
0.3085

0.0000, 1.0000,
0.0000

70.3744, 0.3427,
0.3250

70.3744, 0.3427,
0.3250

58.0222, 0.3663,
0.3225

84.8310, 0.3238,
0.3274

47.6673, 0.3954,
0.3200

99.2387, 0.3102,
0.3290

39.2077, 0.4307,
0.3178

32.5283, 0.4719,
0.3163

■ 27.5017, 0.5173,
0.3159

■ 23.9836, 0.5624,
0.3172

■ 21.8048, 0.6010,
0.3202

■ 20.7493, 0.6268,
0.3246

■ 20.5613, 0.6320,
0.3255

Harmonies

Analogous

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



70.3744, 0.3260, 0.3097



70.3744, 0.3427, 0.3250



70.3744, 0.3512, 0.3417

Triad

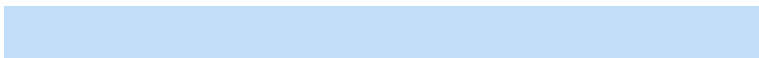
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3744, 0.3427, 0.3250



70.3744, 0.3183, 0.3611



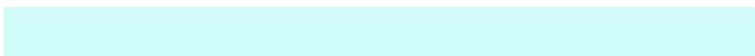
70.3744, 0.2776, 0.3014

Complementary

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



70.3744, 0.3427, 0.3250



89.0870, 0.2889, 0.3331

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.



70.3744, 0.2758, 0.3143



70.3744, 0.3427, 0.3250



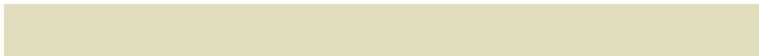
70.3744, 0.2989, 0.3495

Square

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



70.3744, 0.3427, 0.3250



70.3744, 0.3367, 0.3633



70.3744, 0.2834, 0.3321



70.3744, 0.2885, 0.2961

Rectangle

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



70.3744, 0.3427, 0.3250



70.3744, 0.3509, 0.3517



70.3744, 0.2834, 0.3321



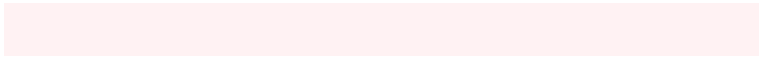
70.3744, 0.2759, 0.3049

Sweetspot

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



70.3776, 0.3427, 0.3250



91.4102, 0.3203, 0.3279



71.7981, 0.3116, 0.2861



19.3170, 0.3215, 0.3277



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

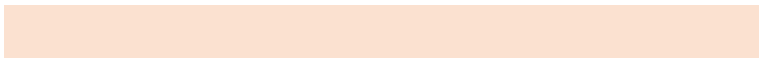
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3776, 0.3427, 0.3250



67.7190, 0.3513, 0.3240



79.0098, 0.3427, 0.3466



17.2513, 0.3279, 0.3268



10.8223, 0.6298, 0.3243



1.0109, 0.6088, 0.3127

Inverse Universe

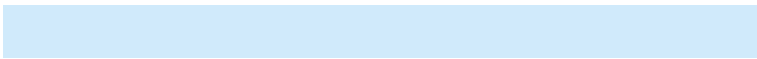
The Inverse Universe completely reimagines the original color for something new.



70.3776, 0.3427, 0.3250



67.7190, 0.3513, 0.3240



79.0945, 0.2860, 0.3107



17.2513, 0.3279, 0.3268



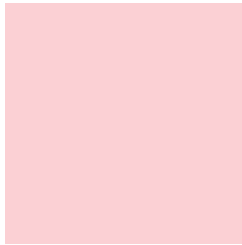
10.8223, 0.6298, 0.3243



1.0109, 0.6088, 0.3127

Previews

White Background



This preview shows how the Yxy color 70.3744, 0.3427, 0.3250 looks on a white background.

Color Contrast Check

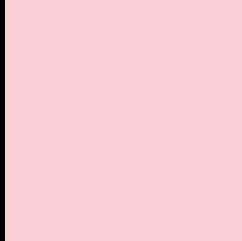
Large Text (above 18pt) WCAG AA × Fail

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 70.3744, 0.3427, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

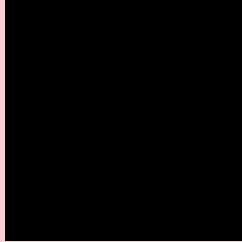
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3744, 0.3427, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 70.3744, 0.3427, 0.3250.



This preview shows how white text looks on a background with the Yxy color 70.3744, 0.3427, 0.3250.

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

70.3744, 0.3427, 0.3250

Protanopia

70.8405, 0.3170, 0.3301

Deuteranopia

70.1689, 0.3361, 0.3291



Tritanopia

70.1120, 0.3363, 0.3127

Trichromacy



Original Color

70.3744, 0.3427, 0.3250

Protanomaly

70.3231, 0.3261, 0.3280

Deuteranomaly

70.2088, 0.3386, 0.3280

Tritanomaly

70.3830, 0.3392, 0.3178

Monochromacy



Original Color

70.3744, 0.3427, 0.3250

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.3295, 0.3230, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3744, 0.3427, 0.3250 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(251, 208, 212)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 212)  
}
```

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(251, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 212) }
```

Border

The CSS property to change the border of an element to Yxy 70.3744, 0.3427, 0.3250 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(251, 208, 212) }
```

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

```
.border{ border-color:rgb(251, 208, 212) }
```

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

Here you see how a box with a 4 pixel rgb(251, 208, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3744, 0.3427, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 212) }
```

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

```
.background{ background-color: rgb(251,  
208, 212) }
```

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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