

Converting Colors

$Yxy(74.6410, 0.3359, 0.3248)$

Have a look what the booklet for
Yxy(74.6410, 0.3359, 0.3248)
contains.

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Color

Yxy(74.7883, 0.3357, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FBD8DC
RGB	251, 216, 220
RGB Percent	98%, 85%, 86%
CMY	0.0158, 0.1529, 0.1372
CMYK	0.00, 0.14, 0.12, 0.02
HSL	353°, 81%, 92%
HSV	353°, 14%, 98%
XYZ	77.2506, 74.7883, 78.0790
YIQ	226.9210, 19.5760, 8.6640

Conversions

Conversions Part 2

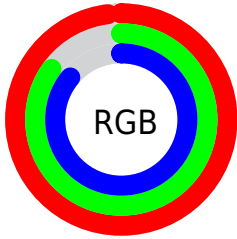
Format	Color
R _{YB}	251, 216, 220
Decimal	16505052
CIE Lab	89.29, 12.76, 2.53
CIE LCh	89, 13.009, 11.198
Yxy	74.7883, 0.3357, 0.3250
Android (android.graphics.Color)	4294695132 (0xFFFB8DC)
YUV	226.9210, -3.4121, 21.1173
Hunter-Lab	86.4802, 8.1091, 7.0060

Details

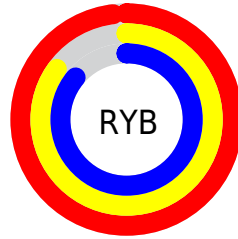
The Yxy color **74.7883, 0.3357, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.2918, 0.2936, 0.3331**, and the grayscale version is **76.7706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6757, 0.3411, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **61.7971, 0.3571, 0.3219**, and if you desaturate by 10%, it is **89.9067, 0.3185, 0.3279**.

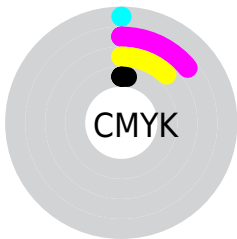
Distribution



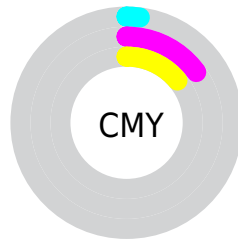
- Red (98%)
- Green (85%)
- Blue (86%)



- Red (98%)
- Yellow (85%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (2%)




- Cyan (2%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7883, 0.3357, 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 74.7883, 0.3357, 0.3250 by changing the saturation by 10% instead.

 74.7883, 0.3357,
0.3250

 74.7883, 0.3357,
0.3250

477.1896, 0.3251,
0.3269

 55.4395, 0.3381,
0.3245


126.0126, 0.3320,
0.3257

 39.7537, 0.3411,
0.3240


158.6570, 0.3306,
0.3259

 27.3466, 0.3449,
0.3233


196.5019, 0.3293,
0.3262

 17.8337, 0.3499,
0.3223

239.9318, 0.3283,
0.3264

 10.8306, 0.3567,
0.3209

289.3312, 0.3273,
0.3265

 5.9531, 0.3665,
0.3189

345.0843, 0.3265,

 2.8166, 0.3819,

0.3267

0.3156

407.5757, 0.3257,
0.3268

1.0367, 0.4095,
0.3091

0.0000, 1.0000,
0.0000

74.7883, 0.3357,
0.3250

74.7883, 0.3357,
0.3250

61.7971, 0.3571,
0.3219

89.9067, 0.3185,
0.3279

50.8283, 0.3837,
0.3188

99.2439, 0.3102,
0.3290

41.7829, 0.4161,
0.3159

34.5500, 0.4546,
0.3136

■ 29.0070, 0.4980,
0.3125

■ 25.0164, 0.5432,
0.3131

■ 22.4189, 0.5846,
0.3160

■ 21.0206, 0.6161,
0.3208

■ 20.5909, 0.6289,
0.3238

Harmonies

Analogous

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



74.7883, 0.3223, 0.3129



74.7883, 0.3357, 0.3250



74.7883, 0.3429, 0.3384

Triad

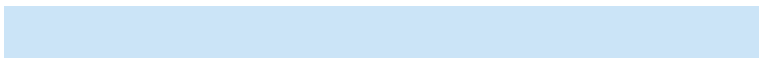
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7883, 0.3357, 0.3250



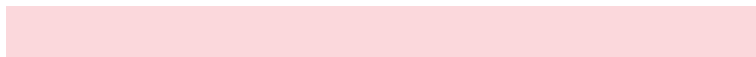
74.7883, 0.3184, 0.3547



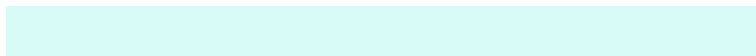
74.7883, 0.2844, 0.3077

Complementary

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



74.7883, 0.3357, 0.3250



90.2918, 0.2936, 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.



74.7883, 0.2835, 0.3184



74.7883, 0.3357, 0.3250



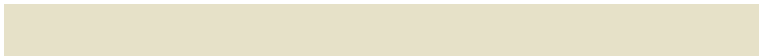
74.7883, 0.3028, 0.3460

Square

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



74.7883, 0.3357, 0.3250



74.7883, 0.3327, 0.3559



74.7883, 0.2901, 0.3325



74.7883, 0.2927, 0.3029

Rectangle

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



74.7883, 0.3357, 0.3250



74.7883, 0.3431, 0.3464



74.7883, 0.2901, 0.3325



74.7883, 0.2832, 0.3107

Sweetspot

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



74.7916, 0.3357, 0.3250



93.0955, 0.3186, 0.3279



75.8379, 0.3115, 0.2942



19.6572, 0.3198, 0.3277



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

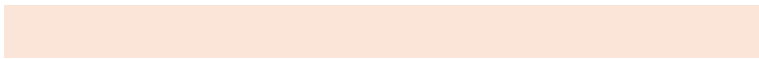
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7916, 0.3357, 0.3250



73.1612, 0.3418, 0.3241



81.7314, 0.3366, 0.3426



17.2574, 0.3276, 0.3263



10.8367, 0.6264, 0.3224



1.0138, 0.6019, 0.3090

Inverse Universe

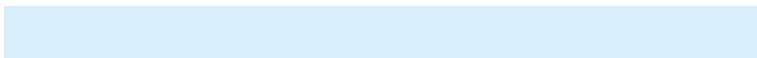
The Inverse Universe completely reimagines the original color for something new.



74.7916, 0.3357, 0.3250



73.1612, 0.3418, 0.3241



82.4646, 0.2910, 0.3150



17.2574, 0.3276, 0.3263



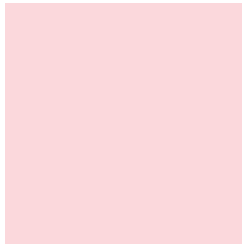
10.8367, 0.6264, 0.3224



1.0138, 0.6019, 0.3090

Previews

White Background



This preview shows how the Yxy color 74.7883, 0.3357, 0.3250 looks on a white background.

Color Contrast Check

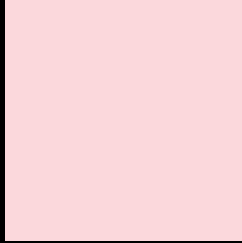
Large Text (above 18pt) WCAG AA × Fail

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 74.7883, 0.3357, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

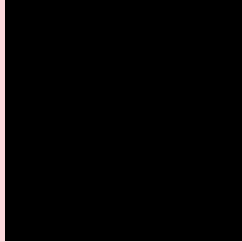
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7883, 0.3357, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 74.7883, 0.3357, 0.3250.



This preview shows how white text looks on a background with the Yxy color 74.7883, 0.3357, 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

74.7883, 0.3357, 0.3250

Protanopia

74.6512, 0.3156, 0.3279

Deuteranopia

74.7495, 0.3334, 0.3260



Tritanopia

74.5581, 0.3289, 0.3119

Trichromacy



Original Color

74.7883, 0.3357, 0.3250

Protanomaly

74.3470, 0.3222, 0.3259

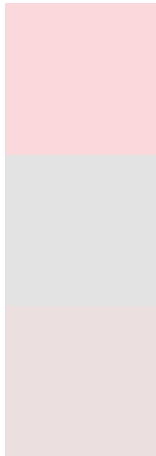
Deuteranomaly

74.9328, 0.3341, 0.3260

Tritanomaly

74.8424, 0.3316, 0.3169

Monochromacy



Original Color

74.7883, 0.3357, 0.3250

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9900, 0.3213, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7883, 0.3357, 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, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(251, 216, 220)  
}
```

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, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 216, 220) }
```

Border

The CSS property to change the border of an element to Yxy 74.7883, 0.3357, 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, 216, 220) }
```

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

```
.border{ border-color:rgb(251, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(251, 216,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7883, 0.3357, 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, 216, 220) }
```

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

```
.background{ background-color: rgb(251,  
216, 220) }
```

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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