

Converting Colors

$Y_{xy}(73.8170, 0.3254, 0.3104)$

Have a look what the booklet for
Yxy(73.8170, 0.3254, 0.3104)
contains.

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Color

Yxy(73.8758, 0.3253, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	F8D6E8
RGB	248, 214, 232
RGB Percent	97%, 84%, 91%
CMY	0.0274, 0.1608, 0.0904
CMYK	0.00, 0.14, 0.06, 0.03
HSL	328°, 71%, 91%
HSV	328°, 14%, 97%
XYZ	77.3224, 73.8758, 86.4974
YIQ	226.2180, 14.4860, 12.8060

Conversions

Conversions Part 2

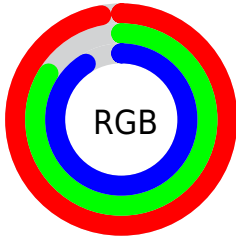
Format	Color
R _Y B	248, 214, 232
Decimal	16307944
CIE Lab	88.86, 14.76, -4.43
CIE LCh	89, 15.410, 343.292
Yxy	73.8758, 0.3253, 0.3108
Android (android.graphics.Color)	4294498024 (0xFFF8D6E8)
YUV	226.2180, 2.8505, 19.1028
Hunter-Lab	85.9510, 10.1660, 0.4988

Details

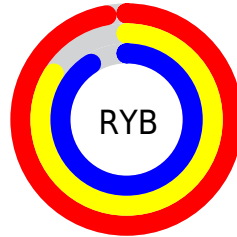
The Yxy color **73.8758, 0.3253, 0.3108** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.1575, 0.3018, 0.3479**, and the grayscale version is **76.1920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0072, 0.3282, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **61.6229, 0.3367, 0.2968**, and if you desaturate by 10%, it is **88.0908, 0.3158, 0.3242**.

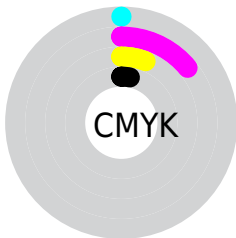
Distribution



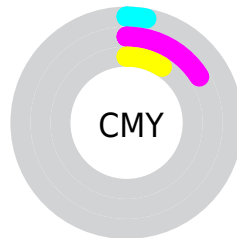
- Red (97%)
- Green (84%)
- Blue (91%)



- Red (97%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8758, 0.3253, 0.3108 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 73.8758, 0.3253, 0.3108 by changing the saturation by 10% instead.


 73.8758, 0.3253,
0.3108

 73.8758, 0.3253,
0.3108


474.0446, 0.3196,
0.3191

 54.6924, 0.3266,
0.3089


124.7197, 0.3233,
0.3136

 39.1555, 0.3282,
0.3067


157.1490, 0.3225,
0.3148

 26.8807, 0.3302,
0.3038


194.7624, 0.3219,
0.3157

 17.4837, 0.3328,
0.3001

237.9443, 0.3213,
0.3166

 10.5799, 0.3363,
0.2951

287.0791, 0.3208,
0.3173

 5.7851, 0.3413,
0.2880

342.5511, 0.3203,

 2.7149, 0.3491,

0.3180

0.2773

404.7448, 0.3199,
0.3186

0.9847, 0.3624,
0.2589

0.0000, 0.5822,
0.0000

73.8758, 0.3253,
0.3108

73.8758, 0.3253,
0.3108

61.6229, 0.3367,
0.2968

88.0908, 0.3158,
0.3242

51.2353, 0.3503,
0.2826

98.6992, 0.3084,
0.3290

42.6227, 0.3663,
0.2687

35.6832, 0.3847,
0.2561

■ 30.3046, 0.4054,
0.2459

■ 26.3608, 0.4278,
0.2394

■ 23.7057, 0.4510,
0.2376

■ 22.1614, 0.4739,
0.2414

■ 21.5961, 0.4878,
0.2461

Harmonies

Analogous

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



73.8758, 0.3066, 0.3009



73.8758, 0.3253, 0.3108



73.8758, 0.3410, 0.3253

Triad

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



73.8758, 0.3253, 0.3108



73.8758, 0.3354, 0.3613



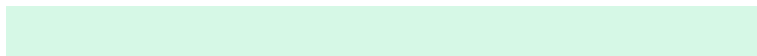
73.8758, 0.2778, 0.3152

Complementary

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



73.8758, 0.3253, 0.3108



87.1575, 0.3018, 0.3479

Split Complementary

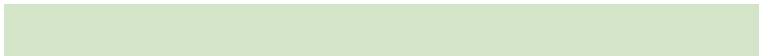
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8758, 0.2851, 0.3319



73.8758, 0.3253, 0.3108



73.8758, 0.3180, 0.3592

Square

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



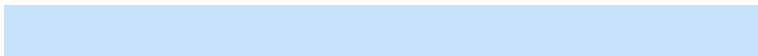
73.8758, 0.3253, 0.3108



73.8758, 0.3468, 0.3544



73.8758, 0.2997, 0.3483



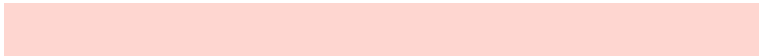
73.8758, 0.2796, 0.3030

Rectangle

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



73.8758, 0.3253, 0.3108



73.8758, 0.3473, 0.3359



73.8758, 0.2997, 0.3483



73.8758, 0.2793, 0.3205

Sweetspot

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



73.8790, 0.3253, 0.3108



93.3576, 0.3161, 0.3238



71.6767, 0.3015, 0.2937



19.7233, 0.3167, 0.3229



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

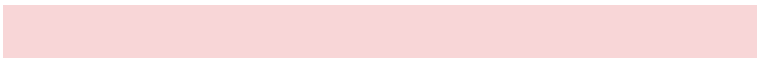
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8790, 0.3253, 0.3108



75.4954, 0.3278, 0.3076



72.9686, 0.3373, 0.3279



17.3784, 0.3211, 0.3165



11.6933, 0.4844, 0.2442



1.1044, 0.4595, 0.2305

Inverse Universe

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



73.8790, 0.3253, 0.3108



75.4954, 0.3278, 0.3076



88.1490, 0.2924, 0.3301



17.3784, 0.3211, 0.3165



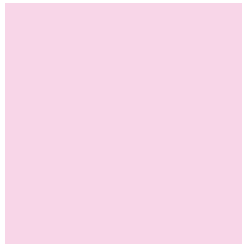
11.6933, 0.4844, 0.2442



1.1044, 0.4595, 0.2305

Previews

White Background



This preview shows how the Yxy color 73.8758, 0.3253, 0.3108 looks on a white background.

Color Contrast Check

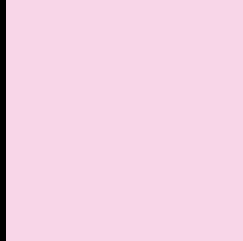
Large Text (above 18pt) WCAG AA × Fail

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 73.8758, 0.3253, 0.3108 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 73.8758, 0.3253, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 73.8758, 0.3253, 0.3108.

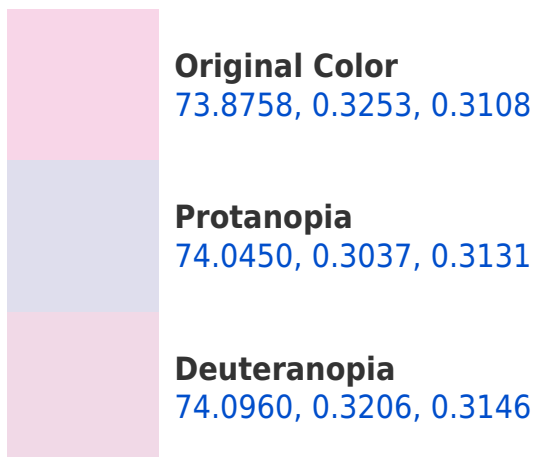


This preview shows how white text looks on a background with the Yxy color 73.8758, 0.3253, 0.3108.

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

73.8191, 0.3260, 0.3118

Trichromacy



Original Color

73.8758, 0.3253, 0.3108

Protanomaly

73.8170, 0.3114, 0.3123

Deuteranomaly

74.1144, 0.3229, 0.3137

Tritanomaly

73.8191, 0.3260, 0.3118

Monochromacy



Original Color

73.8758, 0.3253, 0.3108

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.3364, 0.3173, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8758, 0.3253, 0.3108 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(248, 214, 232)` looks like.

```
.text, #text, p{  
    color:rgb(248, 214, 232)  
}
```

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(248, 214, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 214, 232) }
```

Border

The CSS property to change the border of an element to Yxy 73.8758, 0.3253, 0.3108 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(248, 214, 232) }
```

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

```
.border{ border-color:rgb(248, 214, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 214, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 214, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 214, 232);  
box-shadow:4px 4px 4px 4px rgb(248, 214,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8758, 0.3253, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 214, 232) }
```

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

```
.background{ background-color: rgb(248,  
214, 232) }
```

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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