

Converting Colors

$Y_{xy}(77.7501, 0.3274, 0.3200)$

Have a look what the booklet for
Yxy(77.7501, 0.3274, 0.3200)
contains.

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Color

Yxy(77.7501, 0.3274, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	FADDE6
RGB	250, 221, 230
RGB Percent	98%, 87%, 90%
CMY	0.0198, 0.1332, 0.0981
CMYK	0.00, 0.12, 0.08, 0.02
HSL	341°, 74%, 92%
HSV	341°, 12%, 98%
XYZ	79.5481, 77.7501, 85.6709
YIQ	230.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

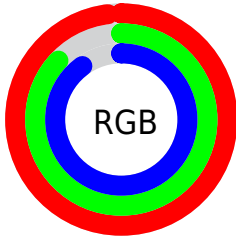
Format	Color
R _Y B	250, 221, 230
Decimal	16440806
CIE Lab	90.67, 11.43, -0.73
CIE LCh	91, 11.452, 356.338
Yxy	77.7501, 0.3274, 0.3200
Android (android.graphics.Color)	4294630886 (0xFFFA _D DE6)
YUV	230.6970, -0.3436, 16.9287
Hunter-Lab	88.1760, 6.7259, 4.1177

Details

The Yxy color $77.7501, 0.3274, 0.3200$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $90.0637, 0.2999, 0.3382$, and the grayscale version is $79.6666, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.7050, 0.3301, 0.3174$ is the 20% darker color. If you saturate the color by 10%, you get $64.5994, 0.3432, 0.3117$, and if you desaturate by 10%, it is $92.9683, 0.3145, 0.3278$.

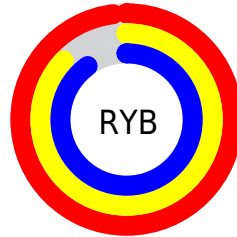
Distribution



Red (98%)

Green (87%)

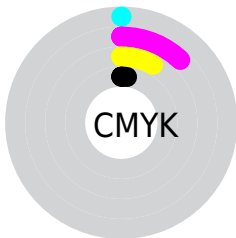
Blue (90%)



Red (98%)

Yellow (87%)

Blue (90%)

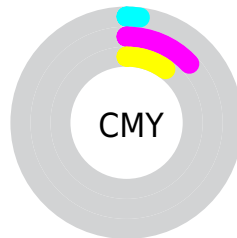


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.7501, 0.3274, 0.3200 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 77.7501, 0.3274, 0.3200 by changing the saturation by 10% instead.


 77.7501, 0.3274,
0.3200

 77.7501, 0.3274,
0.3200


487.3177, 0.3207,
0.3241

 57.8687, 0.3289,
0.3191


130.1978, 0.3251,
0.3214

 41.7031, 0.3308,
0.3179

163.5329, 0.3242,
0.3220

 28.8689, 0.3331,
0.3165


202.1213, 0.3234,
0.3224

 18.9817, 0.3362,
0.3146

246.3475, 0.3227,
0.3229

 11.6570, 0.3403,
0.3121

296.5959, 0.3221,
0.3232

 6.5106, 0.3462,
0.3086

353.2507, 0.3216,

 3.1580, 0.3552,

0.3236

416.6966, 0.3211,
0.3239

0.3031

1.2148, 0.3710,
0.2937

0.0737, 0.6299,
0.1330

77.7501, 0.3274,
0.3200

77.7501, 0.3274,
0.3200

64.5994, 0.3432,
0.3117

92.9683, 0.3145,
0.3278

53.4167, 0.3626,
0.3032

99.0540, 0.3096,
0.3290

44.1095, 0.3861,
0.2949

36.5740, 0.4140,
0.2874

■ 30.6959, 0.4461,
0.2817

■ 26.3478, 0.4815,
0.2791

■ 23.3831, 0.5180,
0.2806

■ 21.6262, 0.5522,
0.2870

■ 20.8569, 0.5773,
0.2954

Harmonies

Analogous

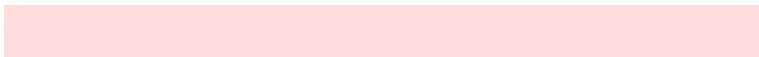
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7501, 0.3143, 0.3109



77.7501, 0.3274, 0.3200



77.7501, 0.3367, 0.3315

Triad

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



77.7501, 0.3274, 0.3200



77.7501, 0.3242, 0.3526



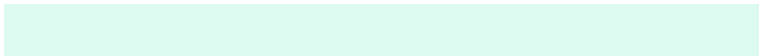
77.7501, 0.2868, 0.3146

Complementary

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



77.7501, 0.3274, 0.3200



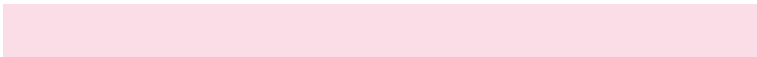
90.0637, 0.2999, 0.3382

Split Complementary

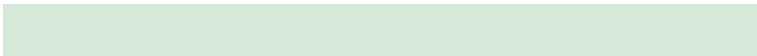
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7501, 0.2893, 0.3258



77.7501, 0.3274, 0.3200



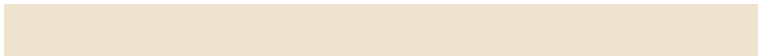
77.7501, 0.3107, 0.3481

Square

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



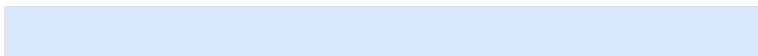
77.7501, 0.3274, 0.3200



77.7501, 0.3347, 0.3505



77.7501, 0.2980, 0.3382



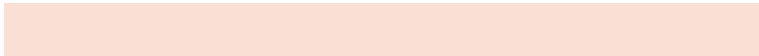
77.7501, 0.2910, 0.3076

Rectangle

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



77.7501, 0.3274, 0.3200



77.7501, 0.3393, 0.3391



77.7501, 0.2980, 0.3382



77.7501, 0.2869, 0.3180

Sweetspot

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



77.7535, 0.3274, 0.3200



94.8805, 0.3162, 0.3267



77.2890, 0.3077, 0.2999



20.0228, 0.3172, 0.3261



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

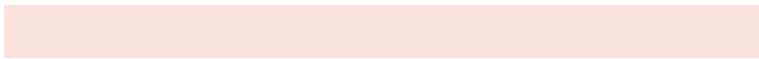
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7535, 0.3274, 0.3200



77.8136, 0.3310, 0.3180



80.1073, 0.3329, 0.3344



17.3138, 0.3245, 0.3217



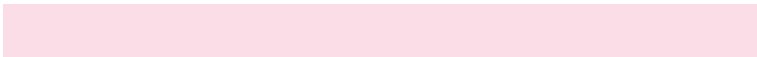
11.0911, 0.5730, 0.2930



1.0454, 0.5394, 0.2745

Inverse Universe

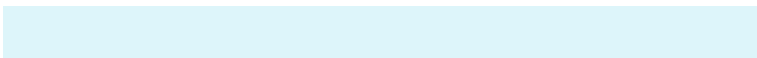
The Inverse Universe completely reimagines the original color for something new.



77.7535, 0.3274, 0.3200



77.8136, 0.3310, 0.3180



87.3647, 0.2948, 0.3235



17.3138, 0.3245, 0.3217



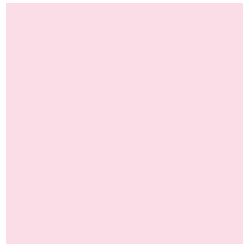
11.0911, 0.5730, 0.2930



1.0454, 0.5394, 0.2745

Previews

White Background



This preview shows how the Yxy color 77.7501, 0.3274, 0.3200 looks on a white background.

Color Contrast Check

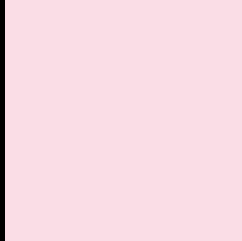
Large Text (above 18pt) WCAG AA × Fail

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 77.7501, 0.3274, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

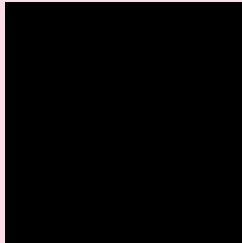
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

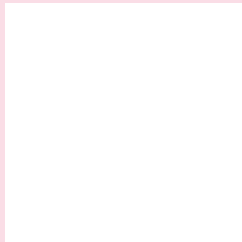
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.7501, 0.3274, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 77.7501, 0.3274, 0.3200.

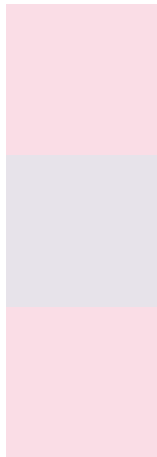


This preview shows how white text looks on a background with the Yxy color 77.7501, 0.3274, 0.3200.

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

77.7501, 0.3274, 0.3200

Protanopia

77.8676, 0.3110, 0.3217

Deuteranopia

77.7501, 0.3274, 0.3200



Tritanopia

77.8101, 0.3235, 0.3120

Trichromacy



Original Color

77.7501, 0.3274, 0.3200

Protanomaly

77.9108, 0.3166, 0.3208

Deuteranomaly

77.7501, 0.3274, 0.3200

Tritanomaly

77.6361, 0.3255, 0.3150

Monochromacy



Original Color

77.7501, 0.3274, 0.3200

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.8848, 0.3178, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.7501, 0.3274, 0.3200 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(250, 221, 230)` looks like.

```
.text, #text, p{  
    color:rgb(250, 221, 230)  
}
```

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(250, 221, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 221, 230) }
```

Border

The CSS property to change the border of an element to Yxy 77.7501, 0.3274, 0.3200 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(250, 221, 230) }
```

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

```
.border{ border-color:rgb(250, 221, 230) }
```

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

Here you see how a box with a 4 pixel rgb(250, 221, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 221, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 221, 230);  
box-shadow:4px 4px 4px 4px rgb(250, 221,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 77.7501, 0.3274, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 221, 230) }
```

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

```
.background{ background-color: rgb(250,  
221, 230) }
```

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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