

Converting Colors

$Y_{xy}(82.6048, 0.3438, 0.3115)$

Have a look what the booklet for
Yxy(82.6048, 0.3438, 0.3115)
contains.

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Color

Yxy(77.5172, 0.3265, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAED
RGB	255, 218, 237
RGB Percent	100%, 85%, 93%
CMY	0.0001, 0.1450, 0.0706
CMYK	0.00, 0.14, 0.07, 0.00
HSL	329°, 100%, 93%
HSV	329°, 14%, 100%
XYZ	81.5905, 77.5172, 90.7866
YIQ	231.2290, 15.9530, 13.7530

Conversions

Conversions Part 2

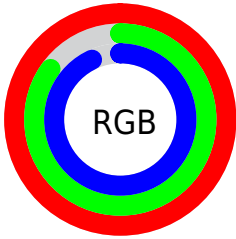
Format	Color
R_{YB}	255, 218, 237
Decimal	16767725
CIE Lab	90.56, 15.89, -4.52
CIE LCh	91, 16.517, 344.119
Yxy	77.5172, 0.3265, 0.3102
Android (android.graphics.Color)	4294957805 (0xFFFFDAED)
YUV	231.2290, 2.8451, 20.8472
Hunter-Lab	88.0439, 11.3397, 0.4937

Details

The Yxy color $77.5172, 0.3265, 0.3102$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $92.4661, 0.3009, 0.3486$, and the grayscale version is $80.0606, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.5363, 0.3297, 0.3062$ is the 20% darker color. If you saturate the color by 10%, you get $64.5972, 0.3384, 0.2965$, and if you desaturate by 10%, it is $92.5282, 0.3166, 0.3233$.

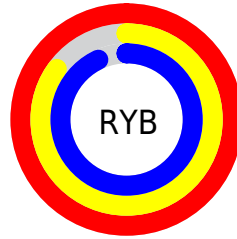
Distribution



Red (100%)

Green (85%)

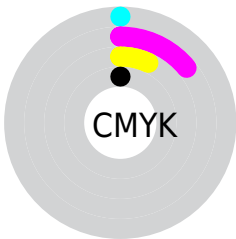
Blue (93%)



Red (100%)

Yellow (85%)

Blue (93%)

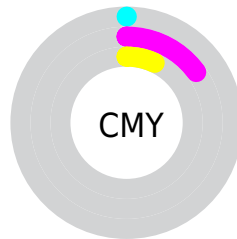


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.5172, 0.3265, 0.3102 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 77.5172, 0.3265, 0.3102 by changing the saturation by 10% instead.


 77.5172, 0.3265,
0.3102

 77.5172, 0.3265,
0.3102


486.5256, 0.3203,
0.3187

 57.6775, 0.3279,
0.3083

129.8693, 0.3244,
0.3131

 41.5494, 0.3296,
0.3060


163.1505, 0.3235,
0.3142

 28.7486, 0.3318,
0.3031


201.6809, 0.3228,
0.3152

 18.8907, 0.3345,
0.2994

245.8449, 0.3222,
0.3161

 11.5914, 0.3382,
0.2945

296.0270, 0.3216,
0.3169

 6.4661, 0.3435,
0.2875

352.6116, 0.3211,

 3.1305, 0.3514,

0.3175

0.2772

415.9830, 0.3207,
0.3181

■ 1.2002, 0.3648,
0.2599

■ 0.0619, 0.5008,
0.0694

■ 77.5172, 0.3265,
0.3102

■ 77.5172, 0.3265,
0.3102

■ 64.5972, 0.3384,
0.2965

■ 92.5282, 0.3166,
0.3233

■ 53.6644, 0.3527,
0.2826

99.9950, 0.3127,
0.3290

■ 44.6212, 0.3694,
0.2692

■ 37.3578, 0.3887,
0.2570

■ 31.7531, 0.4104,
0.2474

■ 27.6704, 0.4338,
0.2415

■ 24.9510, 0.4580,
0.2406

■ 23.4005, 0.4816,
0.2452

■ 22.8942, 0.4941,
0.2496

Harmonies

Analogous

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



77.5172, 0.3067, 0.2997



77.5172, 0.3265, 0.3102



77.5172, 0.3429, 0.3255

Triad

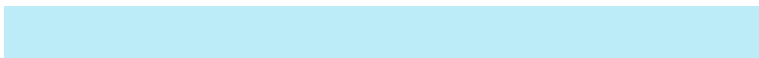
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.5172, 0.3265, 0.3102



77.5172, 0.3361, 0.3631



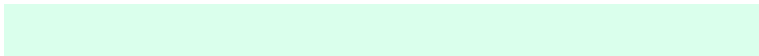
77.5172, 0.2759, 0.3140

Complementary

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



77.5172, 0.3265, 0.3102



92.4661, 0.3009, 0.3486

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.



77.5172, 0.2833, 0.3315



77.5172, 0.3265, 0.3102



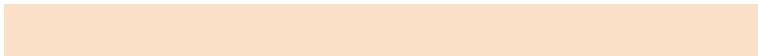
77.5172, 0.3177, 0.3607

Square

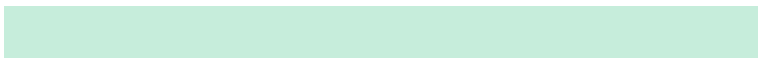
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



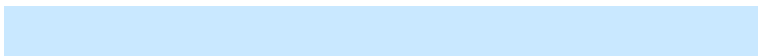
77.5172, 0.3265, 0.3102



77.5172, 0.3485, 0.3560



77.5172, 0.2984, 0.3490



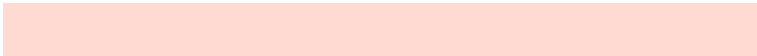
77.5172, 0.2780, 0.3013

Rectangle

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



77.5172, 0.3265, 0.3102



77.5172, 0.3494, 0.3367



77.5172, 0.2984, 0.3490



77.5172, 0.2773, 0.3195

Sweetspot

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



77.5206, 0.3265, 0.3102



93.3486, 0.3161, 0.3240



75.1812, 0.3012, 0.2916



19.7211, 0.3168, 0.3230



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.



77.5206, 0.3265, 0.3102



74.1084, 0.3293, 0.3068



76.5009, 0.3394, 0.3285



18.1429, 0.3213, 0.3168



11.9958, 0.4906, 0.2476



1.1901, 0.4659, 0.2340

Inverse Universe

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



77.5206, 0.3265, 0.3102



74.1084, 0.3293, 0.3068



93.5897, 0.2909, 0.3296



18.1429, 0.3213, 0.3168



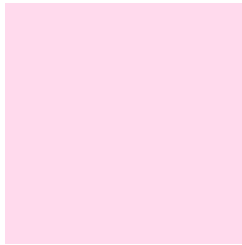
11.9958, 0.4906, 0.2476



1.1901, 0.4659, 0.2340

Previews

White Background



This preview shows how the Yxy color 77.5172, 0.3265, 0.3102 looks on a white background.

Color Contrast Check

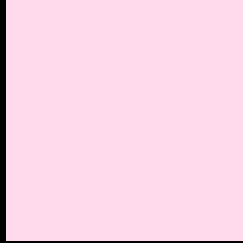
Large Text (above 18pt) WCAG AA × Fail

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 77.5172, 0.3265, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

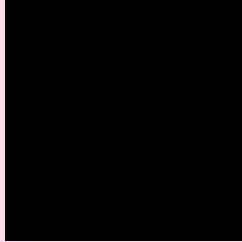
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.5172, 0.3265, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 77.5172, 0.3265, 0.3102.



This preview shows how white text looks on a background with the Yxy color 77.5172, 0.3265, 0.3102.

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

77.5172, 0.3265, 0.3102

Protanopia

77.8430, 0.3039, 0.3134

Deuteranopia

77.3619, 0.3205, 0.3139



Tritanopia

77.4010, 0.3279, 0.3122

Trichromacy



Original Color

77.5172, 0.3265, 0.3102

Protanomaly

77.7797, 0.3121, 0.3126

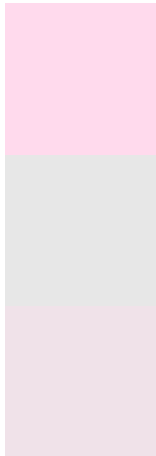
Deuteranomaly

77.3823, 0.3227, 0.3129

Tritanomaly

77.4589, 0.3272, 0.3112

Monochromacy



Original Color

77.5172, 0.3265, 0.3102

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.8012, 0.3179, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.5172, 0.3265, 0.3102 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(255, 218, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 237)  
}
```

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(255, 218, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 237) }
```

Border

The CSS property to change the border of an element to Yxy 77.5172, 0.3265, 0.3102 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(255, 218, 237) }
```

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

```
.border{ border-color:rgb(255, 218, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 77.5172, 0.3265, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 237) }
```

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

```
.background{ background-color: rgb(255,  
218, 237) }
```

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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