

Converting Colors

$Y_{xy}(76.5878, 0.3285, 0.3113)$

Have a look what the booklet for
Yxy(76.5878, 0.3285, 0.3113)
contains.

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Color

Yxy(76.8262, 0.3287, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9EA
RGB	255, 217, 234
RGB Percent	100%, 85%, 92%
CMY	0.0000, 0.1490, 0.0823
CMYK	0.00, 0.15, 0.08, 0.00
HSL	333°, 100%, 93%
HSV	333°, 15%, 100%
XYZ	80.9124, 76.8262, 88.4203
YIQ	230.3000, 17.1910, 13.3430

Conversions

Conversions Part 2

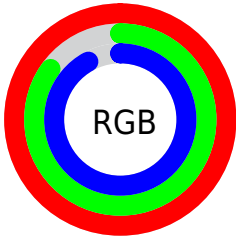
Format	Color
R _Y B	255, 217, 234
Decimal	16767466
CIE Lab	90.24, 15.94, -3.42
CIE LCh	90, 16.298, 347.897
Yxy	76.8262, 0.3287, 0.3121
Android (android.graphics.Color)	4294957546 (0xFFFFD9EA)
YUV	230.3000, 1.8241, 21.6619
Hunter-Lab	87.6506, 11.3894, 1.5447

Details

The Yxy color **76.8262, 0.3287, 0.3121** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.4426, 0.2992, 0.3465**, and the grayscale version is **79.3398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0608, 0.3326, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **63.9024, 0.3423, 0.3001**, and if you desaturate by 10%, it is **91.8430, 0.3175, 0.3236**.

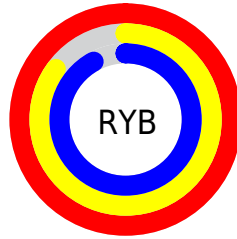
Distribution



Red (100%)

Green (85%)

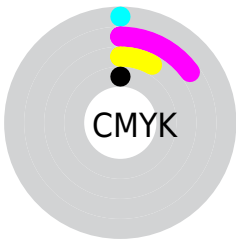
Blue (92%)



Red (100%)

Yellow (85%)

Blue (92%)

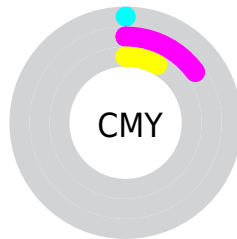


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.8262, 0.3287, 0.3121 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 76.8262, 0.3287, 0.3121 by changing the saturation by 10% instead.


 76.8262, 0.3287,
0.3121

 76.8262, 0.3287,
0.3121

484.1712, 0.3214,
0.3198

 57.1102, 0.3303,
0.3104


128.8941, 0.3262,
0.3147

 41.0938, 0.3323,
0.3083


162.0149, 0.3252,
0.3158

 28.3924, 0.3349,
0.3057


200.3727, 0.3244,
0.3166

 18.6216, 0.3381,
0.3023

244.3519, 0.3236,
0.3174

 11.3972, 0.3426,
0.2977

294.3370, 0.3230,
0.3181

 6.3347, 0.3488,
0.2914

350.7123, 0.3224,

 3.0496, 0.3584,

0.3187

0.2817

413.8623, 0.3219,
0.3193

■ 1.1577, 0.3748,
0.2655

■ 0.0267, 0.5844,
0.0377

■ 76.8262, 0.3287,
0.3121

■ 76.8262, 0.3287,
0.3121

■ 63.9024, 0.3423,
0.3001

■ 91.8430, 0.3175,
0.3236

■ 52.9805, 0.3586,
0.2879

100.0000, 0.3127,
0.3290

■ 43.9577, 0.3780,
0.2761

■ 36.7232, 0.4006,
0.2657

■ 31.1547, 0.4261,
0.2576

■ 27.1141, 0.4537,
0.2534

■ 24.4410, 0.4820,
0.2541

■ 22.9381, 0.5093,
0.2604

■ 22.4801, 0.5225,
0.2652

Harmonies

Analogous

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



76.8262, 0.3093, 0.3009



76.8262, 0.3287, 0.3121



76.8262, 0.3441, 0.3276

Triad

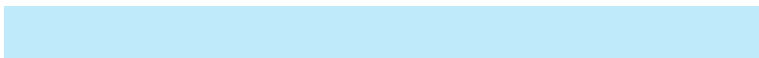
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.8262, 0.3287, 0.3121



76.8262, 0.3338, 0.3630



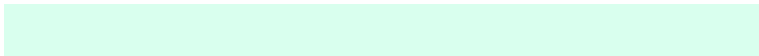
76.8262, 0.2760, 0.3122

Complementary

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



76.8262, 0.3287, 0.3121



92.4426, 0.2992, 0.3465

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.



76.8262, 0.2822, 0.3292



76.8262, 0.3287, 0.3121



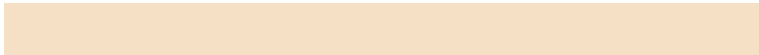
76.8262, 0.3152, 0.3594

Square

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



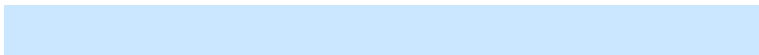
76.8262, 0.3287, 0.3121



76.8262, 0.3470, 0.3571



76.8262, 0.2964, 0.3468



76.8262, 0.2793, 0.3005

Rectangle

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



76.8262, 0.3287, 0.3121



76.8262, 0.3498, 0.3387



76.8262, 0.2964, 0.3468



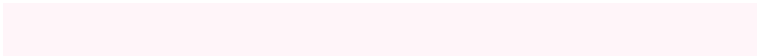
76.8262, 0.2770, 0.3175

Sweetspot

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



76.8251, 0.3287, 0.3121



93.3065, 0.3166, 0.3246



75.0029, 0.3026, 0.2906



19.7104, 0.3173, 0.3238



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

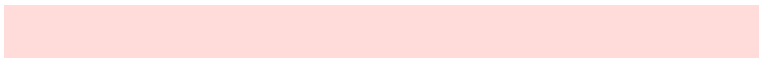
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8251, 0.3287, 0.3121



72.6042, 0.3326, 0.3084



76.8782, 0.3404, 0.3310



18.1223, 0.3224, 0.3184



11.7754, 0.5185, 0.2630



1.1682, 0.4904, 0.2475

Inverse Universe

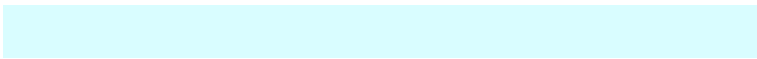
The Inverse Universe completely reimagines the original color for something new.



76.8251, 0.3287, 0.3121



72.6042, 0.3326, 0.3084



92.2846, 0.2899, 0.3270



18.1223, 0.3224, 0.3184



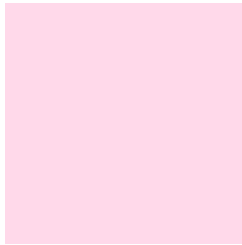
11.7754, 0.5185, 0.2630



1.1682, 0.4904, 0.2475

Previews

White Background



This preview shows how the Yxy color 76.8262, 0.3287, 0.3121 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 76.8262, 0.3287, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

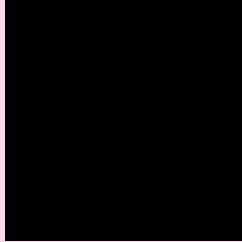
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.8262, 0.3287, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 76.8262, 0.3287, 0.3121.

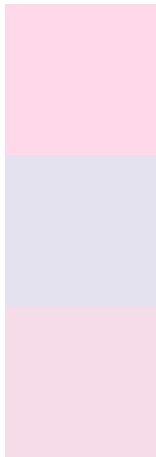


This preview shows how white text looks on a background with the Yxy color 76.8262, 0.3287, 0.3121.

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

76.8262, 0.3287, 0.3121

Protanopia

77.1187, 0.3058, 0.3154

Deuteranopia

76.6624, 0.3226, 0.3158



Tritanopia

76.8262, 0.3287, 0.3121

Trichromacy



Original Color

76.8262, 0.3287, 0.3121

Protanomaly

77.0669, 0.3141, 0.3146

Deuteranomaly

76.6860, 0.3249, 0.3149

Tritanomaly

76.8262, 0.3287, 0.3121

Monochromacy



Original Color

76.8262, 0.3287, 0.3121

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.9707, 0.3186, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8262, 0.3287, 0.3121 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, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 234)  
}
```

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, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 234) }
```

Border

The CSS property to change the border of an element to Yxy 76.8262, 0.3287, 0.3121 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, 217, 234) }
```

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

```
.border{ border-color:rgb(255, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8262, 0.3287, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 234) }
```

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

```
.background{ background-color: rgb(255,  
217, 234) }
```

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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