

Converting Colors

$Y_{xy}(76.6464, 0.3310, 0.3153)$

Have a look what the booklet for
Yxy(76.6464, 0.3310, 0.3153)
contains.

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Color

Yxy(76.6552, 0.3308, 0.3151)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD9E7 |
| RGB | 255, 217, 231 |
| RGB Percent | 100%, 85%, 91% |
| CMY | 0.0000, 0.1490, 0.0942 |
| CMYK | 0.00, 0.15, 0.09, 0.00 |
| HSL | 338°, 100%, 93% |
| HSV | 338°, 15%, 100% |
| XYZ | 80.4746, 76.6552, 86.1428 |
| YIQ | 229.9580, 18.1540, 12.4100 |

Conversions

Conversions Part 2

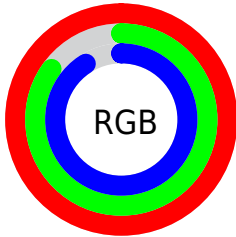
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 217, 231 |
| Decimal | 16767463 |
| CIE _{Lab} | 90.16, 15.42, -1.94 |
| CIE _{LCh} | 90, 15.541, 352.839 |
| Yxy | 76.6552, 0.3308, 0.3151 |
| Android (android.graphics.Color) | 4294957543 (0xFFFFD9E7) |
| YUV | 229.9580, 0.5137, 21.9618 |
| Hunter-Lab | 87.5530, 10.8512, 2.9520 |

Details

The Yxy color **76.6552, 0.3308, 0.3151** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.6252, 0.2975, 0.3433**, and the grayscale version is **79.0854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9416, 0.3354, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **63.6429, 0.3463, 0.3052**, and if you desaturate by 10%, it is **91.7889, 0.3181, 0.3246**.

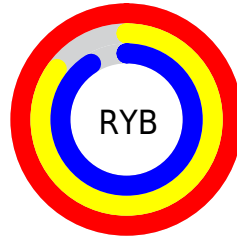
Distribution



Red (100%)

Green (85%)

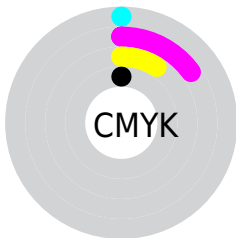
Blue (91%)



Red (100%)

Yellow (85%)

Blue (91%)

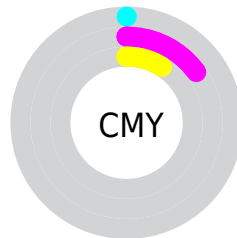


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6552, 0.3308, 0.3151 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 76.6552, 0.3308, 0.3151 by changing the saturation by 10% instead.


 76.6552, 0.3308,
0.3151

 76.6552, 0.3308,
0.3151

483.5876, 0.3225,
0.3214

 56.9699, 0.3327,
0.3137


128.6526, 0.3279,
0.3173

 40.9811, 0.3350,
0.3119

161.7336, 0.3268,
0.3181

 28.3043, 0.3379,
0.3097


200.0486, 0.3259,
0.3189

 18.5552, 0.3416,
0.3069

243.9820, 0.3250,
0.3195

 11.3493, 0.3467,
0.3031

293.9182, 0.3243,
0.3201

 6.3023, 0.3539,
0.2977

350.2416, 0.3236,

 3.0298, 0.3651,

0.3206

0.2894

413.3366, 0.3231,
0.3210

■ 1.1473, 0.3845,
0.2754

■ 0.0180, 0.6946,
0.0318

■ 76.6552, 0.3308,
0.3151

■ 76.6552, 0.3308,
0.3151

■ 63.6429, 0.3463,
0.3052

■ 91.7889, 0.3181,
0.3246

■ 52.6470, 0.3652,
0.2951

100.0000, 0.3127,
0.3290

■ 43.5683, 0.3878,
0.2854

■ 36.2951, 0.4143,
0.2769

■ 30.7041, 0.4444,
0.2708

■ 26.6564, 0.4771,
0.2683

■ 23.9905, 0.5102,
0.2706

■ 22.5079, 0.5412,
0.2782

■ 22.0647, 0.5557,
0.2835

Harmonies

Analogous

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



76.6552, 0.3125, 0.3035



76.6552, 0.3308, 0.3151



76.6552, 0.3444, 0.3303

Triad

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



76.6552, 0.3308, 0.3151



76.6552, 0.3302, 0.3615



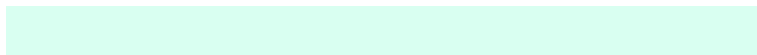
76.6552, 0.2775, 0.3107

Complementary

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



76.6552, 0.3308, 0.3151



92.6252, 0.2975, 0.3433

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.



76.6552, 0.2820, 0.3264



76.6552, 0.3308, 0.3151



76.6552, 0.3121, 0.3565

Square

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



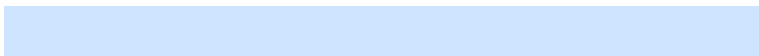
76.6552, 0.3308, 0.3151



76.6552, 0.3439, 0.3573



76.6552, 0.2945, 0.3434



76.6552, 0.2821, 0.3006

Rectangle

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



76.6552, 0.3308, 0.3151



76.6552, 0.3487, 0.3408



76.6552, 0.2945, 0.3434



76.6552, 0.2780, 0.3155

Sweetspot

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



76.6584, 0.3308, 0.3151



93.2555, 0.3170, 0.3254



75.4516, 0.3043, 0.2909



19.6975, 0.3179, 0.3247



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

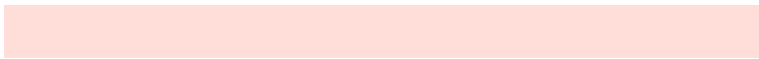
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6584, 0.3308, 0.3151



72.4002, 0.3353, 0.3121



78.2159, 0.3400, 0.3335



18.0976, 0.3236, 0.3203



11.5555, 0.5513, 0.2811



1.1453, 0.5202, 0.2639

Inverse Universe

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



76.6584, 0.3308, 0.3151



72.4002, 0.3353, 0.3121



90.6974, 0.2898, 0.3244



18.0976, 0.3236, 0.3203



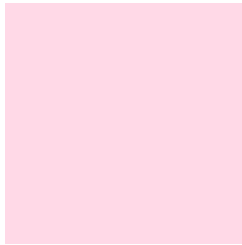
11.5555, 0.5513, 0.2811



1.1453, 0.5202, 0.2639

Previews

White Background



This preview shows how the Yxy color 76.6552, 0.3308, 0.3151 looks on a white background.

Color Contrast Check

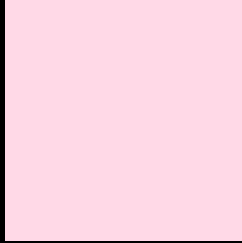
Large Text (above 18pt) WCAG AA × Fail

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 76.6552, 0.3308, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

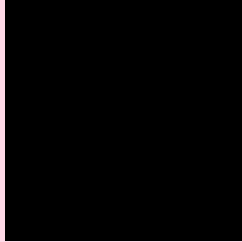
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.6552, 0.3308, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 76.6552, 0.3308, 0.3151.

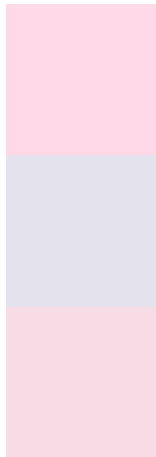


This preview shows how white text looks on a background with the Yxy color 76.6552, 0.3308, 0.3151.

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

76.6552, 0.3308, 0.3151

Protanopia

76.9428, 0.3077, 0.3185

Deuteranopia

76.6737, 0.3254, 0.3189



Tritanopia

76.7689, 0.3294, 0.3131

Trichromacy



Original Color

76.6552, 0.3308, 0.3151

Protanomaly

76.8930, 0.3161, 0.3177

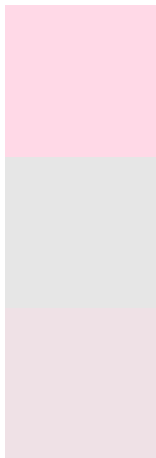
Deuteranomaly

76.7002, 0.3276, 0.3179

Tritanomaly

76.7119, 0.3301, 0.3141

Monochromacy



Original Color

76.6552, 0.3308, 0.3151

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.9143, 0.3193, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6552, 0.3308, 0.3151 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 231) }
```

Border

The CSS property to change the border of an element to Yxy 76.6552, 0.3308, 0.3151 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, 231) }
```

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

```
.border{ border-color:rgb(255, 217, 231) }
```

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, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6552, 0.3308, 0.3151 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
217, 231) }
```

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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