

Converting Colors

$Y_{xy}(82.9670, 0.3622, 0.3262)$

Have a look what the booklet for
Yxy(82.9670, 0.3622, 0.3262)
contains.

| | |
|---|----|
| Yxy(76.1062, 0.3379, 0.3250) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(76.1062, 0.3379, 0.3250)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFD9DD |
| RGB | 255, 217, 221 |
| RGB Percent | 100%, 85%, 87% |
| CMY | 0.0000, 0.1491, 0.1333 |
| CMYK | 0.00, 0.15, 0.13, 0.00 |
| HSL | 354°, 100%, 93% |
| HSV | 354°, 15%, 100% |
| XYZ | 79.1270, 76.1062, 78.9397 |
| YIQ | 228.8180, 21.3640, 9.3000 |

Conversions

Conversions Part 2

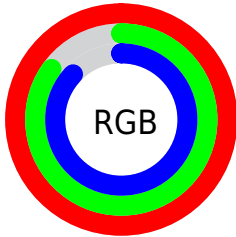
| Format | Color |
|-------------------------------------|---|
| RYB | 255, 217, 221 |
| Decimal | 16767453 |
| CIELab | 89.91, 13.86, 2.93 |
| CIELCh | 90, 14.166, 11.942 |
| Yxy | 76.1062, 0.3379, 0.3250 |
| Android (android.graphics.Color) | 4294957533 (0xFFFFD9DD) |
| YUV | 228.8180, -3.8543, 22.9616 |
| Hunter-Lab | 87.2389, 9.2343, 7.4176 |

Details

The Yxy color **76.1062, 0.3379, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.2302, 0.2921, 0.3331**, and the grayscale version is **78.2208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5996, 0.3438, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **62.8175, 0.3600, 0.3221**, and if you desaturate by 10%, it is **91.5680, 0.3201, 0.3277**.

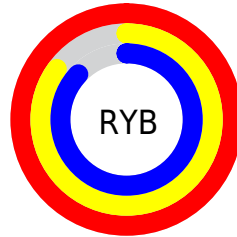
Distribution



Red (100%)

Green (85%)

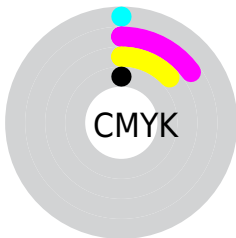
Blue (87%)



Red (100%)

Yellow (85%)

Blue (87%)

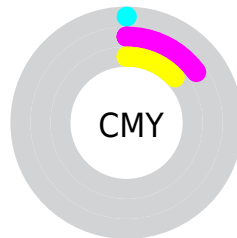


Cyan (0%)

Magenta (15%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1062, 0.3379, 0.3250 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 76.1062, 0.3379, 0.3250 by changing the saturation by 10% instead.


 76.1062, 0.3379,
0.3250

 76.1062, 0.3379,
0.3250


481.7112, 0.3263,
0.3269

 56.5196, 0.3405,
0.3245

127.8770, 0.3339,
0.3257

 40.6197, 0.3438,
0.3240


160.8300, 0.3323,
0.3259

 28.0220, 0.3479,
0.3232


199.0073, 0.3310,
0.3262

 18.3423, 0.3533,
0.3222

242.7932, 0.3298,
0.3264

 11.1960, 0.3607,
0.3209

292.5721, 0.3288,
0.3265

 6.1988, 0.3712,
0.3188

348.7285, 0.3278,

 2.9664, 0.3877,

0.3267

0.3154

411.6467, 0.3270,
0.3268

■ 1.1142, 0.4169,
0.3088

■ 0.0000, 1.0000,
0.0000

■ 76.1062, 0.3379,
0.3250

■ 76.1062, 0.3379,
0.3250

■ 62.8175, 0.3600,
0.3221

■ 91.5680, 0.3201,
0.3277

■ 51.6364, 0.3874,
0.3193

100.0000, 0.3127,
0.3290

■ 42.4442, 0.4208,
0.3166

■ 35.1242, 0.4602,
0.3146

■ 29.5475, 0.5044,
0.3137

■ 25.5688, 0.5497,
0.3146

■ 23.0193, 0.5904,
0.3175

■ 21.6919, 0.6201,
0.3222

■ 21.3397, 0.6302,
0.3245

Harmonies

Analogous

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



76.1062, 0.3234, 0.3119



76.1062, 0.3379, 0.3250



76.1062, 0.3455, 0.3395

Triad

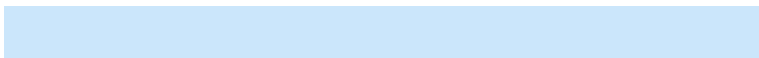
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1062, 0.3379, 0.3250



76.1062, 0.3184, 0.3567



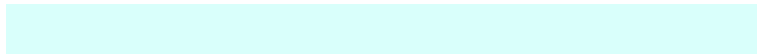
76.1062, 0.2822, 0.3057

Complementary

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



76.1062, 0.3379, 0.3250



93.2302, 0.2921, 0.3331

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.



76.1062, 0.2810, 0.3171



76.1062, 0.3379, 0.3250



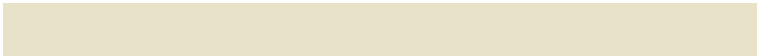
76.1062, 0.3016, 0.3471

Square

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



76.1062, 0.3379, 0.3250



76.1062, 0.3340, 0.3582



76.1062, 0.2880, 0.3324



76.1062, 0.2914, 0.3008

Rectangle

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



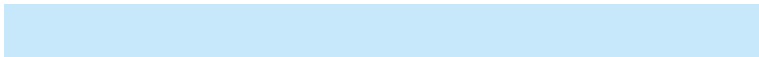
76.1062, 0.3379, 0.3250



76.1062, 0.3455, 0.3481



76.1062, 0.2880, 0.3324



76.1062, 0.2809, 0.3089

Sweetspot

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



76.0949, 0.3378, 0.3250



93.0906, 0.3187, 0.3280



77.2616, 0.3114, 0.2916



19.6559, 0.3198, 0.3278



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.



76.0949, 0.3378, 0.3250



71.7642, 0.3442, 0.3241



83.7297, 0.3385, 0.3436



18.0185, 0.3278, 0.3265



11.1606, 0.6278, 0.3232



1.0965, 0.6056, 0.3110

Inverse Universe

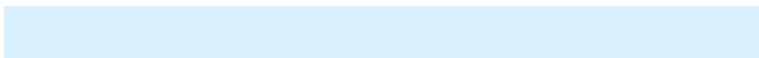
The Inverse Universe completely reimagines the original color for something new.



76.0949, 0.3378, 0.3250



71.7642, 0.3442, 0.3241



84.5382, 0.2894, 0.3139



18.0185, 0.3278, 0.3265



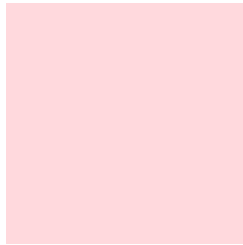
11.1606, 0.6278, 0.3232



1.0965, 0.6056, 0.3110

Previews

White Background



This preview shows how the Yxy color 76.1062, 0.3379, 0.3250 looks on a white background.

Color Contrast Check

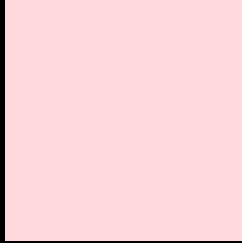
Large Text (above 18pt) WCAG AA × Fail

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 76.1062, 0.3379, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

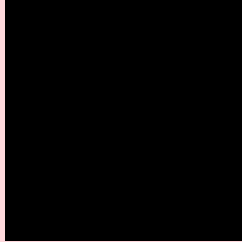
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.1062, 0.3379, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 76.1062, 0.3379, 0.3250.

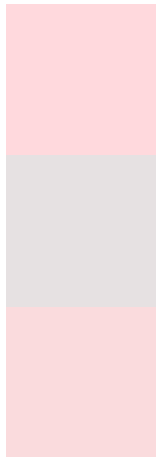


This preview shows how white text looks on a background with the Yxy color 76.1062, 0.3379, 0.3250.

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

76.1062, 0.3379, 0.3250

Protanopia

76.1644, 0.3156, 0.3280

Deuteranopia

76.2075, 0.3339, 0.3270



Tritanopia

76.1979, 0.3302, 0.3131

Trichromacy



Original Color

76.1062, 0.3379, 0.3250

Protanomaly

75.9751, 0.3235, 0.3270

Deuteranomaly

76.0587, 0.3355, 0.3260

Tritanomaly

75.9732, 0.3330, 0.3170

Monochromacy



Original Color

76.1062, 0.3379, 0.3250

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.5186, 0.3212, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1062, 0.3379, 0.3250 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 221) }
```

Border

The CSS property to change the border of an element to Yxy 76.1062, 0.3379, 0.3250 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, 221) }
```

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

```
.border{ border-color:rgb(255, 217, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1062, 0.3379, 0.3250 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
217, 221) }
```

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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