

Converting Colors

$Yxy(76.0418, 0.3370, 0.3236)$

Have a look what the booklet for
Yxy(76.0418, 0.3370, 0.3236)
contains.

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Color

Yxy(76.1596, 0.3371, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9DE
RGB	255, 217, 222
RGB Percent	100%, 85%, 87%
CMY	0.0000, 0.1490, 0.1292
CMYK	0.00, 0.15, 0.13, 0.00
HSL	352°, 100%, 93%
HSV	352°, 15%, 100%
XYZ	79.2389, 76.1596, 79.6620
YIQ	228.9320, 21.0430, 9.6110

Conversions

Conversions Part 2

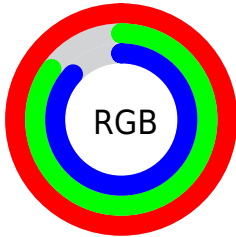
Format	Color
R _{YB}	255, 217, 222
Decimal	16767454
CIE _{Lab}	89.93, 13.97, 2.43
CIE _{LCh}	90, 14.183, 9.855
Y _{xy}	76.1596, 0.3371, 0.3240
Android (android.graphics.Color)	4294957534 (0xFFFFD9DE)
YUV	228.9320, -3.4175, 22.8616
Hunter-Lab	87.2695, 9.3528, 6.9671

Details

The Yxy color **76.1596, 0.3371, 0.3240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.1641, 0.2927, 0.3341**, and the grayscale version is **78.3190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6364, 0.3429, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **62.9079, 0.3585, 0.3204**, and if you desaturate by 10%, it is **91.6045, 0.3199, 0.3274**.

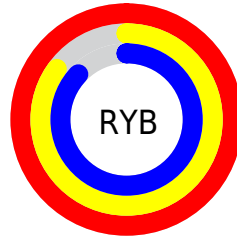
Distribution



Red (100%)

Green (85%)

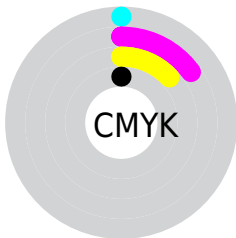
Blue (87%)



Red (100%)

Yellow (85%)

Blue (87%)

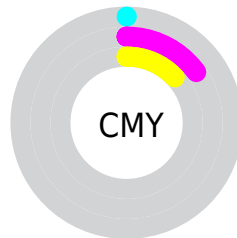


Cyan (0%)

Magenta (15%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1596, 0.3371, 0.3240 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 76.1596, 0.3371, 0.3240 by changing the saturation by 10% instead.


 76.1596, 0.3371,
0.3240

 76.1596, 0.3371,
0.3240

481.8939, 0.3259,
0.3264

 56.5634, 0.3397,
0.3234


127.9525, 0.3332,
0.3248

 40.6548, 0.3428,
0.3228


160.9179, 0.3317,
0.3252

 28.0495, 0.3468,
0.3219


199.1086, 0.3304,
0.3254

 18.3629, 0.3520,
0.3207

242.9089, 0.3293,
0.3257

 11.2109, 0.3591,
0.3191

292.7032, 0.3283,
0.3259

 6.2089, 0.3693,
0.3167

348.8758, 0.3274,

 2.9725, 0.3852,

0.3261

0.3128

411.8112, 0.3266,
0.3262

■ 1.1174, 0.4133,
0.3054

■ 0.0000, 1.0000,
0.0000

■ 76.1596, 0.3371,
0.3240

■ 76.1596, 0.3371,
0.3240

■ 62.9079, 0.3585,
0.3204

■ 91.6045, 0.3199,
0.3274

■ 51.7402, 0.3851,
0.3168

99.9978, 0.3127,
0.3290

■ 42.5533, 0.4174,
0.3134

■ 35.2313, 0.4556,
0.3108

■ 29.6460, 0.4985,
0.3095

■ 25.6532, 0.5431,
0.3104

■ 23.0852, 0.5839,
0.3137

■ 21.7364, 0.6148,
0.3193

■ 21.3723, 0.6260,
0.3222

Harmonies

Analogous

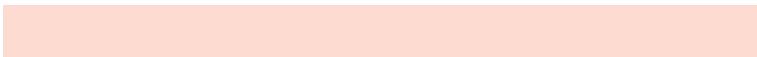
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1596, 0.3223, 0.3111



76.1596, 0.3371, 0.3240



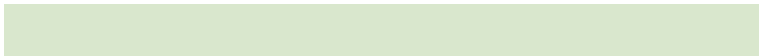
76.1596, 0.3453, 0.3385

Triad

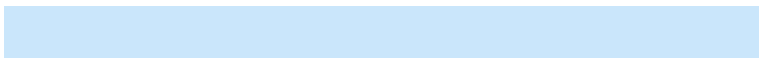
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1596, 0.3371, 0.3240



76.1596, 0.3195, 0.3571



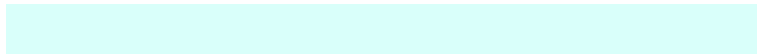
76.1596, 0.2819, 0.3063

Complementary

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



76.1596, 0.3371, 0.3240



93.1641, 0.2927, 0.3341

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.



76.1596, 0.2812, 0.3181



76.1596, 0.3371, 0.3240



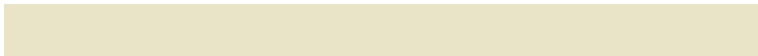
76.1596, 0.3027, 0.3480

Square

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



76.1596, 0.3371, 0.3240



76.1596, 0.3349, 0.3580



76.1596, 0.2887, 0.3335



76.1596, 0.2905, 0.3008

Rectangle

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



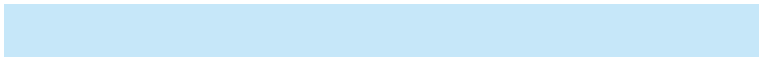
76.1596, 0.3371, 0.3240



76.1596, 0.3458, 0.3473



76.1596, 0.2887, 0.3335



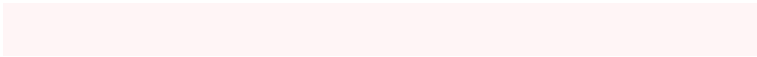
76.1596, 0.2807, 0.3096

Sweetspot

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



76.1630, 0.3371, 0.3240



93.1071, 0.3185, 0.3277



77.1581, 0.3109, 0.2916



19.6601, 0.3196, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

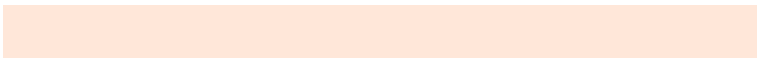
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1630, 0.3371, 0.3240



71.8261, 0.3433, 0.3229



83.3821, 0.3386, 0.3430



18.0263, 0.3273, 0.3259



11.1806, 0.6233, 0.3207



1.1002, 0.5979, 0.3067

Inverse Universe

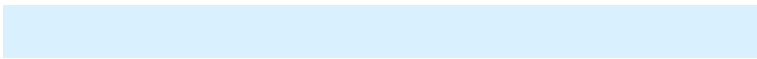
The Inverse Universe completely reimagines the original color for something new.



76.1630, 0.3371, 0.3240



71.8261, 0.3433, 0.3229



84.9189, 0.2895, 0.3146



18.0263, 0.3273, 0.3259



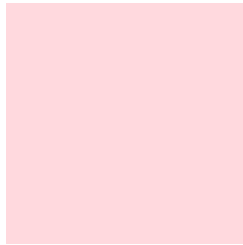
11.1806, 0.6233, 0.3207



1.1002, 0.5979, 0.3067

Previews

White Background



This preview shows how the Yxy color 76.1596, 0.3371, 0.3240 looks on a white background.

Color Contrast Check

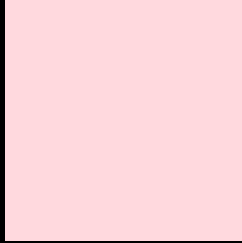
Large Text (above 18pt) WCAG AA × Fail

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 76.1596, 0.3371, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

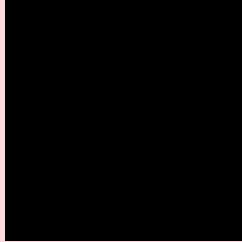
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.1596, 0.3371, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 76.1596, 0.3371, 0.3240.

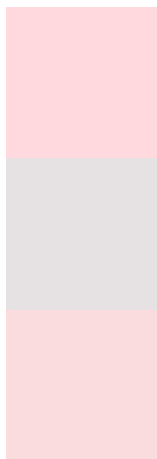


This preview shows how white text looks on a background with the Yxy color 76.1596, 0.3371, 0.3240.

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

76.1596, 0.3371, 0.3240

Protanopia

76.2195, 0.3149, 0.3269

Deuteranopia

76.2610, 0.3332, 0.3260



Tritanopia

76.1979, 0.3302, 0.3131

Trichromacy



Original Color

76.1596, 0.3371, 0.3240

Protanomaly

76.0295, 0.3228, 0.3259

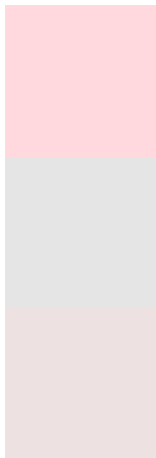
Deuteranomaly

76.1122, 0.3348, 0.3250

Tritanomaly

75.9732, 0.3330, 0.3170

Monochromacy



Original Color

76.1596, 0.3371, 0.3240

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 76.1596, 0.3371, 0.3240 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 222) }
```

Border

The CSS property to change the border of an element to Yxy 76.1596, 0.3371, 0.3240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

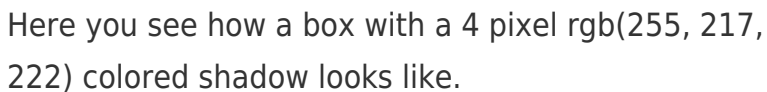
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 222) }
```

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

```
.border{ border-color:rgb(255, 217, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 222); box-shadow:4px 4px 4px 4px rgb(255, 217, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1596, 0.3371, 0.3240 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
217, 222) }
```

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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