

Converting Colors

$Y_{xy}(79.9536, 0.3412, 0.3135)$

Have a look what the booklet for
Yxy(79.9536, 0.3412, 0.3135)
contains.

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Color

Yxy(76.7689, 0.3294, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9E9
RGB	255, 217, 233
RGB Percent	100%, 85%, 91%
CMY	0.0000, 0.1490, 0.0863
CMYK	0.00, 0.15, 0.09, 0.00
HSL	335°, 100%, 93%
HSV	335°, 15%, 100%
XYZ	80.7655, 76.7689, 87.6553
YIQ	230.1860, 17.5120, 13.0320

Conversions

Conversions Part 2

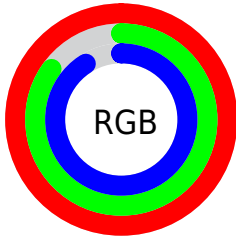
Format	Color
R _Y B	255, 217, 233
Decimal	16767465
CIE Lab	90.22, 15.76, -2.92
CIE LCh	90, 16.031, 349.494
Yxy	76.7689, 0.3294, 0.3131
Android (android.graphics.Color)	4294957545 (0xFFFFD9E9)
YUV	230.1860, 1.3873, 21.7619
Hunter-Lab	87.6179, 11.2087, 2.0172

Details

The Yxy color **76.7689, 0.3294, 0.3131** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.5033, 0.2986, 0.3455**, and the grayscale version is **79.2549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0208, 0.3335, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **63.8149, 0.3436, 0.3018**, and if you desaturate by 10%, it is **91.8250, 0.3177, 0.3239**.

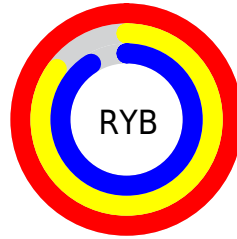
Distribution



Red (100%)

Green (85%)

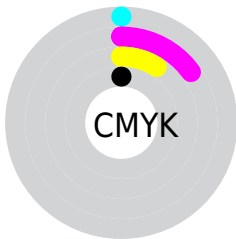
Blue (91%)



Red (100%)

Yellow (85%)

Blue (91%)

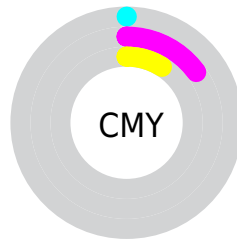


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7689, 0.3294, 0.3131 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 76.7689, 0.3294, 0.3131 by changing the saturation by 10% instead.


 76.7689, 0.3294,
0.3131

 76.7689, 0.3294,
0.3131


483.9757, 0.3218,
0.3203

 57.0632, 0.3311,
0.3115


128.8132, 0.3268,
0.3156

 41.0560, 0.3332,
0.3095


161.9206, 0.3258,
0.3165

 28.3628, 0.3359,
0.3070


200.2641, 0.3249,
0.3174

 18.5994, 0.3393,
0.3038

244.2280, 0.3241,
0.3181

 11.3811, 0.3439,
0.2995

294.1967, 0.3234,
0.3188

 6.3238, 0.3505,
0.2935

350.5546, 0.3228,

 3.0430, 0.3606,

0.3193

0.2843

413.6862, 0.3223,
0.3199

■ 1.1542, 0.3780,
0.2688

■ 0.0238, 0.6159,
0.0360

■ 76.7689, 0.3294,
0.3131

■ 76.7689, 0.3294,
0.3131

■ 63.8149, 0.3436,
0.3018

■ 91.8250, 0.3177,
0.3239

■ 52.8675, 0.3608,
0.2903

100.0000, 0.3127,
0.3290

■ 43.8250, 0.3813,
0.2792

■ 36.5763, 0.4051,
0.2694

■ 30.9988, 0.4322,
0.2620

■ 26.9542, 0.4614,
0.2584

■ 24.2819, 0.4914,
0.2597

■ 22.7841, 0.5201,
0.2664

■ 22.3302, 0.5338,
0.2714

Harmonies

Analogous

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



76.7689, 0.3104, 0.3018



76.7689, 0.3294, 0.3131



76.7689, 0.3442, 0.3285

Triad

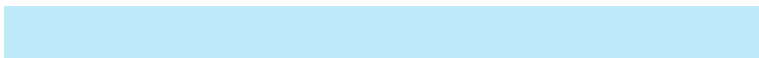
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7689, 0.3294, 0.3131



76.7689, 0.3326, 0.3625



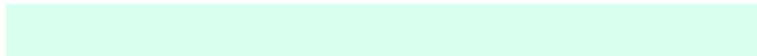
76.7689, 0.2765, 0.3117

Complementary

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



76.7689, 0.3294, 0.3131



92.5033, 0.2986, 0.3455

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.



76.7689, 0.2821, 0.3282



76.7689, 0.3294, 0.3131



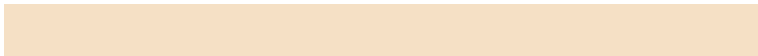
76.7689, 0.3142, 0.3584

Square

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



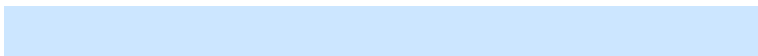
76.7689, 0.3294, 0.3131



76.7689, 0.3460, 0.3571



76.7689, 0.2957, 0.3456



76.7689, 0.2802, 0.3005

Rectangle

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



76.7689, 0.3294, 0.3131



76.7689, 0.3494, 0.3394



76.7689, 0.2957, 0.3456



76.7689, 0.2774, 0.3168

Sweetspot

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



76.7692, 0.3294, 0.3131



93.2894, 0.3167, 0.3249



75.1153, 0.3030, 0.2907



19.7061, 0.3175, 0.3241



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

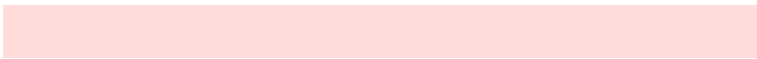
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7692, 0.3294, 0.3131



72.5356, 0.3335, 0.3096



77.2115, 0.3403, 0.3316



18.1140, 0.3228, 0.3190



11.6963, 0.5297, 0.2692



1.1601, 0.5003, 0.2530

Inverse Universe

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



76.7692, 0.3294, 0.3131



72.5356, 0.3335, 0.3096



91.8860, 0.2899, 0.3264



18.1140, 0.3228, 0.3190



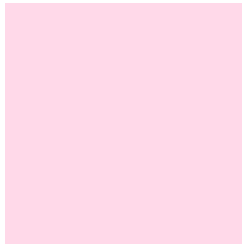
11.6963, 0.5297, 0.2692



1.1601, 0.5003, 0.2530

Previews

White Background



This preview shows how the Yxy color 76.7689, 0.3294, 0.3131 looks on a white background.

Color Contrast Check

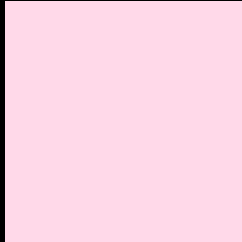
Large Text (above 18pt) WCAG AA × Fail

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 76.7689, 0.3294, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

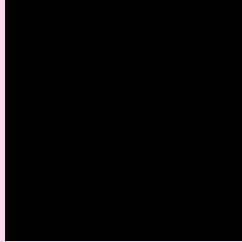
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.7689, 0.3294, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 76.7689, 0.3294, 0.3131.

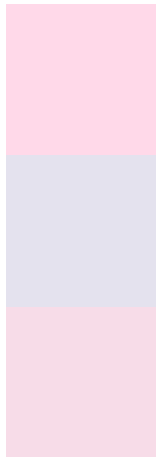


This preview shows how white text looks on a background with the Yxy color 76.7689, 0.3294, 0.3131.

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

76.7689, 0.3294, 0.3131

Protanopia

77.0597, 0.3064, 0.3164

Deuteranopia

76.7868, 0.3240, 0.3169



Tritanopia

76.8262, 0.3287, 0.3121

Trichromacy



Original Color

76.7689, 0.3294, 0.3131

Protanomaly

77.0086, 0.3147, 0.3156

Deuteranomaly

76.8132, 0.3263, 0.3159

Tritanomaly

76.8262, 0.3287, 0.3121

Monochromacy



Original Color

76.7689, 0.3294, 0.3131

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 76.7689, 0.3294, 0.3131 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 233) }
```

Border

The CSS property to change the border of an element to Yxy 76.7689, 0.3294, 0.3131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

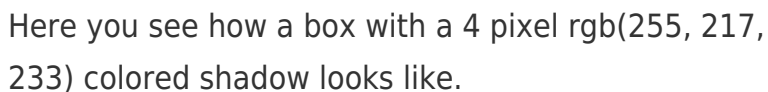
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 233) }
```

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

```
.border{ border-color:rgb(255, 217, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 233); box-shadow:4px 4px 4px 4px rgb(255, 217, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7689, 0.3294, 0.3131 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, 233) }
```

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

```
.background{ background-color: rgb(255,  
217, 233) }
```

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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