

Converting Colors

$Y_{xy}(80.1600, 0.3416, 0.3095)$

Have a look what the booklet for
Yxy(80.1600, 0.3416, 0.3095)
contains.

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Color

Yxy(76.4279, 0.3274, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8EC
RGB	255, 216, 236
RGB Percent	100%, 85%, 93%
CMY	0.0001, 0.1529, 0.0746
CMYK	0.00, 0.15, 0.07, 0.00
HSL	329°, 100%, 92%
HSV	329°, 15%, 100%
XYZ	80.9266, 76.4279, 89.8250
YIQ	229.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

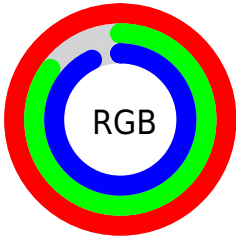
Format	Color
R _Y B	255, 216, 236
Decimal	16767212
CIE Lab	90.06, 16.76, -4.72
CIE LCh	90, 17.407, 344.276
Yxy	76.4279, 0.3274, 0.3092
Android (android.graphics.Color)	4294957292 (0xFFFFD8EC)
YUV	229.9410, 2.9871, 21.9767
Hunter-Lab	87.4231, 12.2452, 0.2771

Details

The Yxy color **76.4279, 0.3274, 0.3092** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.1058, 0.3002, 0.3497**, and the grayscale version is **79.0528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7908, 0.3309, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **63.6653, 0.3395, 0.2955**, and if you desaturate by 10%, it is **91.2747, 0.3173, 0.3224**.

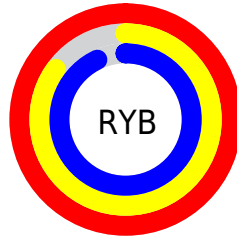
Distribution



Red (100%)

Green (85%)

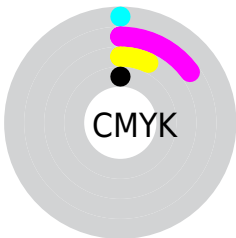
Blue (93%)



Red (100%)

Yellow (85%)

Blue (93%)

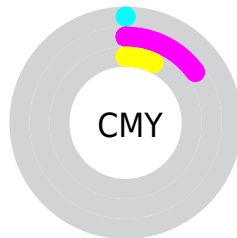


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4279, 0.3274, 0.3092 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 76.4279, 0.3274, 0.3092 by changing the saturation by 10% instead.


 76.4279, 0.3274,
0.3092

 76.4279, 0.3274,
0.3092


482.8112, 0.3207,
0.3181

 56.7835, 0.3289,
0.3072


128.3316, 0.3251,
0.3123

 40.8314, 0.3307,
0.3048


161.3596, 0.3242,
0.3135

 28.1874, 0.3330,
0.3017


199.6176, 0.3234,
0.3145

 18.4670, 0.3360,
0.2978

243.4900, 0.3228,
0.3154

 11.2858, 0.3400,
0.2925

293.3612, 0.3222,
0.3162

 6.2594, 0.3456,
0.2852

349.6155, 0.3216,

 3.0034, 0.3542,

0.3169

0.2741

412.6374, 0.3212,
0.3176

■ 1.1335, 0.3688,
0.2557

■ 0.0064, 0.5475,
0.0084

■ 76.4279, 0.3274,
0.3092

■ 76.4279, 0.3274,
0.3092

■ 63.6653, 0.3395,
0.2955

■ 91.2747, 0.3173,
0.3224

■ 52.8825, 0.3540,
0.2817

99.9955, 0.3127,
0.3290

■ 43.9815, 0.3710,
0.2683

■ 36.8516, 0.3906,
0.2564

■ 31.3706, 0.4125,
0.2470

■ 27.4003, 0.4361,
0.2415

■ 24.7800, 0.4604,
0.2410

■ 23.3111, 0.4840,
0.2461

■ 22.8841, 0.4948,
0.2499

Harmonies

Analogous

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



76.4279, 0.3065, 0.2980



76.4279, 0.3274, 0.3092



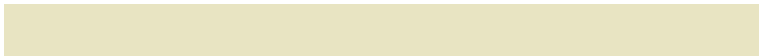
76.4279, 0.3448, 0.3254

Triad

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



76.4279, 0.3274, 0.3092



76.4279, 0.3374, 0.3652



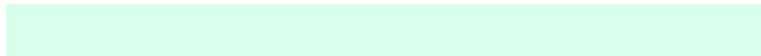
76.4279, 0.2738, 0.3129

Complementary

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



76.4279, 0.3274, 0.3092



92.1058, 0.3002, 0.3497

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.



76.4279, 0.2815, 0.3315



76.4279, 0.3274, 0.3092



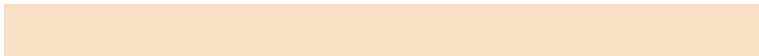
76.4279, 0.3179, 0.3626

Square

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



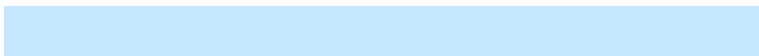
76.4279, 0.3274, 0.3092



76.4279, 0.3505, 0.3576



76.4279, 0.2975, 0.3501



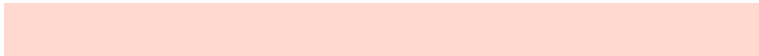
76.4279, 0.2760, 0.2996

Rectangle

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



76.4279, 0.3274, 0.3092



76.4279, 0.3517, 0.3372



76.4279, 0.2975, 0.3501



76.4279, 0.2753, 0.3188

Sweetspot

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



76.4313, 0.3274, 0.3092



91.7391, 0.3171, 0.3227



73.9757, 0.3005, 0.2894



19.3968, 0.3177, 0.3218



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

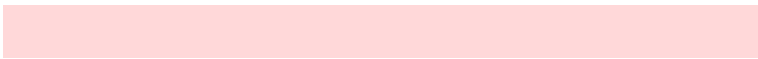
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4313, 0.3274, 0.3092



72.7712, 0.3305, 0.3055



75.3689, 0.3411, 0.3284



18.1424, 0.3213, 0.3169



11.9903, 0.4912, 0.2480



1.1895, 0.4665, 0.2343

Inverse Universe

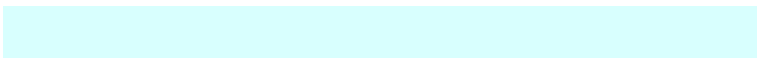
The Inverse Universe completely reimagines the original color for something new.



76.4313, 0.3274, 0.3092



72.7712, 0.3305, 0.3055



93.2833, 0.2898, 0.3296



18.1424, 0.3213, 0.3169



11.9903, 0.4912, 0.2480



1.1895, 0.4665, 0.2343

Previews

White Background



This preview shows how the Yxy color 76.4279, 0.3274, 0.3092 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 76.4279, 0.3274, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

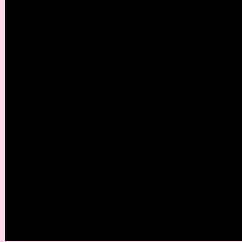
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.4279, 0.3274, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 76.4279, 0.3274, 0.3092.



This preview shows how white text looks on a background with the Yxy color 76.4279, 0.3274, 0.3092.

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

76.4279, 0.3274, 0.3092

Protanopia

76.4300, 0.3026, 0.3112

Deuteranopia

76.5970, 0.3205, 0.3138



Tritanopia

76.2549, 0.3295, 0.3121

Trichromacy



Original Color

76.4279, 0.3274, 0.3092

Protanomaly

76.5383, 0.3115, 0.3105

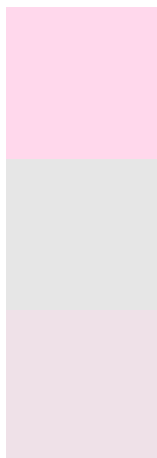
Deuteranomaly

76.8009, 0.3235, 0.3129

Tritanomaly

76.3122, 0.3288, 0.3111

Monochromacy



Original Color

76.4279, 0.3274, 0.3092

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.0273, 0.3179, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4279, 0.3274, 0.3092 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, 216, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 236)  
}
```

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, 216, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 236) }
```

Border

The CSS property to change the border of an element to Yxy 76.4279, 0.3274, 0.3092 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, 216, 236) }
```

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

```
.border{ border-color:rgb(255, 216, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4279, 0.3274, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 236) }
```

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

```
.background{ background-color: rgb(255,  
216, 236) }
```

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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