

Converting Colors

$Y_{xy}(77.4591, 0.3201, 0.2997)$

Have a look what the booklet for
Yxy(77.4591, 0.3201, 0.2997)
contains.

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Color

Yxy(77.6011, 0.3198, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9F7
RGB	255, 217, 247
RGB Percent	100%, 85%, 97%
CMY	0.0001, 0.1490, 0.0315
CMYK	0.00, 0.15, 0.03, 0.00
HSL	313°, 100%, 93%
HSV	313°, 15%, 100%
XYZ	82.8332, 77.6011, 98.5814
YIQ	231.7820, 13.0180, 17.3860

Conversions

Conversions Part 2

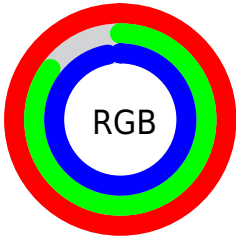
Format	Color
R_{YB}	255, 217, 247
Decimal	16767479
CIE _{Lab}	90.60, 18.12, -9.69
CIE _{LCh}	91, 20.551, 331.857
Yxy	77.6011, 0.3198, 0.2996
Android (android.graphics.Color)	4294957559 (0xFFFFD9F7)
YUV	231.7820, 7.5025, 20.3622
Hunter-Lab	88.0915, 13.6851, -4.6862

Details

The Yxy color $77.6011, 0.3198, 0.2996$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $91.7037, 0.3063, 0.3603$, and the grayscale version is $80.4605, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.6080, 0.3209, 0.2927$ is the 20% darker color. If you saturate the color by 10%, you get $65.1306, 0.3255, 0.2791$, and if you desaturate by 10%, it is $92.1188, 0.3149, 0.3196$.

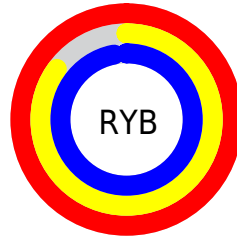
Distribution



Red (100%)

Green (85%)

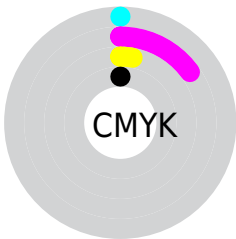
Blue (97%)



Red (100%)

Yellow (85%)

Blue (97%)

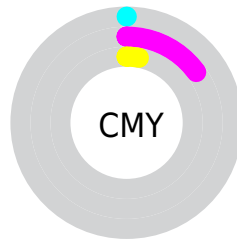


Cyan (0%)

Magenta (15%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.6011, 0.3198, 0.2996 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 77.6011, 0.3198, 0.2996 by changing the saturation by 10% instead.


 77.6011, 0.3198,
0.2996

 77.6011, 0.3198,
0.2996


486.8111, 0.3167,
0.3127

 57.7464, 0.3205,
0.2967


129.9876, 0.3188,
0.3041

 41.6048, 0.3213,
0.2932


163.2882, 0.3184,
0.3058

 28.7919, 0.3222,
0.2888


201.8396, 0.3180,
0.3074

 18.9235, 0.3235,
0.2832

246.0260, 0.3177,
0.3087

 11.6150, 0.3251,
0.2759

296.2320, 0.3174,
0.3099

 6.4821, 0.3272,
0.2657

352.8419, 0.3171,

 3.1404, 0.3302,

0.3109

0.2507

416.2401, 0.3169,
0.3119

■ 1.2055, 0.3346,
0.2267

■ 0.0662, 0.3824,
0.0501

■ 77.6011, 0.3198,
0.2996

■ 77.6011, 0.3198,
0.2996

■ 65.1306, 0.3255,
0.2791

■ 92.1188, 0.3149,
0.3196

■ 54.6041, 0.3320,
0.2588

99.9975, 0.3127,
0.3290

■ 45.9248, 0.3392,
0.2393

■ 38.9833, 0.3470,
0.2217

■ 33.6591, 0.3553,
0.2070

■ 29.8157, 0.3637,
0.1961

■ 27.2945, 0.3721,
0.1899

■ 25.9003, 0.3802,
0.1884

■ 25.4811, 0.3842,
0.1890

Harmonies

Analogous

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



77.6011, 0.2956, 0.2900



77.6011, 0.3198, 0.2996



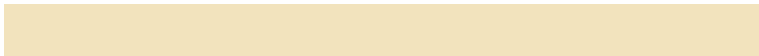
77.6011, 0.3429, 0.3164

Triad

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



77.6011, 0.3198, 0.2996



77.6011, 0.3493, 0.3691



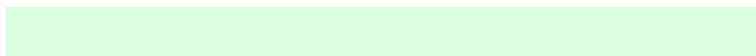
77.6011, 0.2695, 0.3185

Complementary

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



77.6011, 0.3198, 0.2996



91.7037, 0.3063, 0.3603

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.



77.6011, 0.2829, 0.3414



77.6011, 0.3198, 0.2996



77.6011, 0.3287, 0.3715

Square

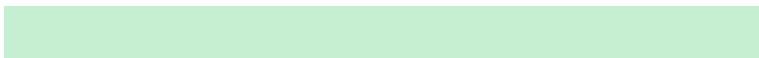
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6011, 0.3198, 0.2996



77.6011, 0.3602, 0.3560



77.6011, 0.3043, 0.3613



77.6011, 0.2673, 0.2998

Rectangle

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



77.6011, 0.3198, 0.2996



77.6011, 0.3541, 0.3298



77.6011, 0.3043, 0.3613



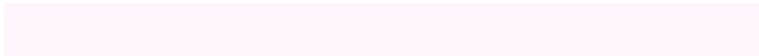
77.6011, 0.2728, 0.3260

Sweetspot

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



77.6045, 0.3198, 0.2996



93.5259, 0.3145, 0.3213



72.7976, 0.2936, 0.2896



19.7660, 0.3148, 0.3198



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.



77.6045, 0.3198, 0.2996



73.5213, 0.3215, 0.2933



76.5151, 0.3326, 0.3177



18.2308, 0.3171, 0.3104



13.3387, 0.3830, 0.1883



1.3144, 0.3745, 0.1836

Inverse Universe

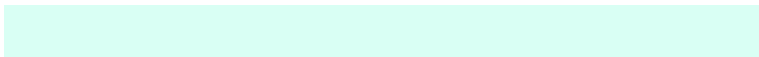
The Inverse Universe completely reimagines the original color for something new.



77.6045, 0.3198, 0.2996



73.5213, 0.3215, 0.2933



92.7727, 0.2961, 0.3407



18.2308, 0.3171, 0.3104



13.3387, 0.3830, 0.1883



1.3144, 0.3745, 0.1836

Previews

White Background



This preview shows how the Yxy color 77.6011, 0.3198, 0.2996 looks on a white background.

Color Contrast Check

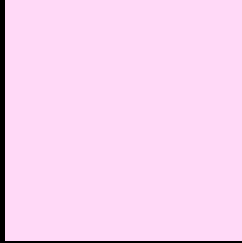
Large Text (above 18pt) WCAG AA × Fail

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 77.6011, 0.3198, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

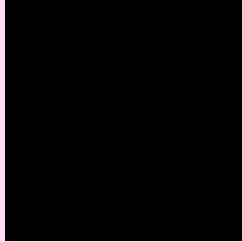
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.6011, 0.3198, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 77.6011, 0.3198, 0.2996.

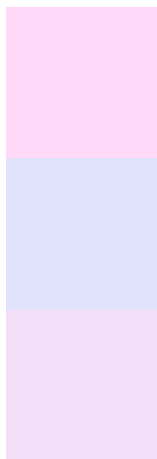


This preview shows how white text looks on a background with the Yxy color 77.6011, 0.3198, 0.2996.

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

77.6011, 0.3198, 0.2996

Protanopia

78.0376, 0.2952, 0.3022

Deuteranopia

77.7736, 0.3111, 0.3048



Tritanopia

77.6018, 0.3257, 0.3121

Trichromacy



Original Color

77.6011, 0.3198, 0.2996

Protanomaly

77.5733, 0.3038, 0.3006

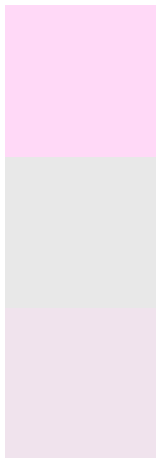
Deuteranomaly

77.6144, 0.3146, 0.3030

Tritanomaly

77.5049, 0.3237, 0.3072

Monochromacy



Original Color

77.6011, 0.3198, 0.2996

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.5779, 0.3153, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.6011, 0.3198, 0.2996 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 247) }
```

Border

The CSS property to change the border of an element to Yxy 77.6011, 0.3198, 0.2996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

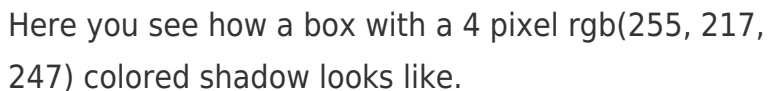
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 247) }
```

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

```
.border{ border-color:rgb(255, 217, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 77.6011, 0.3198, 0.2996 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
217, 247) }
```

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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