

Converting Colors

$Y_{xy}(72.7012, 0.3211, 0.2909)$

Have a look what the booklet for
Yxy(72.7012, 0.3211, 0.2909)
contains.

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Color

Yxy(72.5395, 0.3211, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFF6
RGB	255, 207, 246
RGB Percent	100%, 81%, 96%
CMY	0.0001, 0.1882, 0.0352
CMYK	0.00, 0.19, 0.04, 0.00
HSL	311°, 100%, 91%
HSV	311°, 19%, 100%
XYZ	80.1805, 72.5395, 96.9857
YIQ	225.7980, 16.0890, 22.3050

Conversions

Conversions Part 2

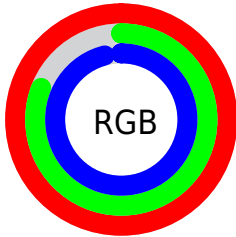
Format	Color
R _Y B	255, 207, 246
Decimal	16764918
CIE Lab	88.23, 23.18, -12.73
CIE LCh	88, 26.448, 331.228
Yxy	72.5395, 0.3211, 0.2905
Android (android.graphics.Color)	4294954998 (0xFFFFCFF6)
YUV	225.7980, 9.9596, 25.6102
Hunter-Lab	85.1701, 18.9950, -7.8962

Details

The Yxy color **72.5395, 0.3211, 0.2905** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.7205, 0.3053, 0.3708**, and the grayscale version is **75.8188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1799, 0.3227, 0.2812** is the 20% darker color. If you saturate the color by 10%, you get **60.8805, 0.3265, 0.2694**, and if you desaturate by 10%, it is **86.2071, 0.3164, 0.3113**.

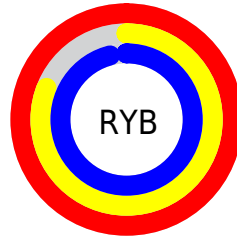
Distribution



Red (100%)

Green (81%)

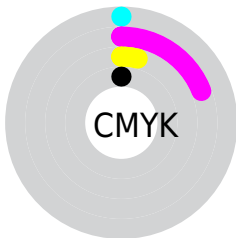
Blue (96%)



Red (100%)

Yellow (81%)

Blue (96%)

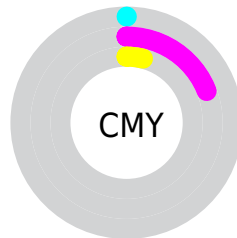


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5395, 0.3211, 0.2905 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 72.5395, 0.3211, 0.2905 by changing the saturation by 10% instead.


 72.5395, 0.3211,
0.2905

 72.5395, 0.3211,
0.2905


469.4172, 0.3175,
0.3077

 53.5995, 0.3219,
0.2867

122.8232, 0.3199,
0.2964

 38.2816, 0.3228,
0.2821


154.9358, 0.3194,
0.2987

 26.2013, 0.3239,
0.2763

192.2080, 0.3190,
0.3007

 16.9743, 0.3253,
0.2689

235.0242, 0.3186,
0.3025

 10.2162, 0.3271,
0.2591

283.7688, 0.3183,
0.3040

 5.5425, 0.3294,
0.2456

338.8263, 0.3180,

 2.5690, 0.3325,

0.3054

0.2258

400.5810, 0.3177,
0.3066

0.9111, 0.3366,
0.1941

0.0000, 0.3594,
0.0000

72.5395, 0.3211,
0.2905

72.5395, 0.3211,
0.2905

60.8805, 0.3265,
0.2694

86.2071, 0.3164,
0.3113

51.1249, 0.3326,
0.2488

99.9932, 0.3127,
0.3290

43.1725, 0.3392,
0.2295

36.9099, 0.3463,
0.2125

■ 32.2110, 0.3536,
0.1988

■ 28.9318, 0.3610,
0.1894

■ 26.9018, 0.3681,
0.1846

■ 25.8740, 0.3749,
0.1843

■ 25.7800, 0.3757,
0.1843

Harmonies

Analogous

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



72.5395, 0.2894, 0.2782



72.5395, 0.3211, 0.2905



72.5395, 0.3519, 0.3118

Triad

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



72.5395, 0.3211, 0.2905



72.5395, 0.3611, 0.3813



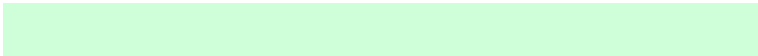
72.5395, 0.2567, 0.3153

Complementary

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



72.5395, 0.3211, 0.2905



89.7205, 0.3053, 0.3708

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.



72.5395, 0.2740, 0.3458



72.5395, 0.3211, 0.2905



72.5395, 0.3340, 0.3856

Square

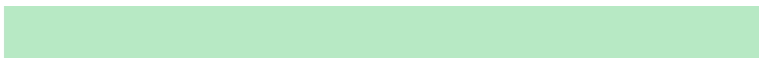
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



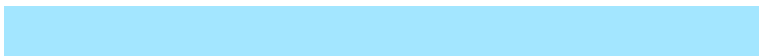
72.5395, 0.3211, 0.2905



72.5395, 0.3754, 0.3632



72.5395, 0.3021, 0.3725



72.5395, 0.2536, 0.2908

Rectangle

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



72.5395, 0.3211, 0.2905



72.5395, 0.3671, 0.3290



72.5395, 0.3021, 0.3725



72.5395, 0.2610, 0.3252

Sweetspot

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



72.5427, 0.3211, 0.2905



90.4414, 0.3151, 0.3170



66.4212, 0.2873, 0.2781



19.1454, 0.3154, 0.3157



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.



72.5427, 0.3211, 0.2905



67.4338, 0.3233, 0.2817



71.1718, 0.3383, 0.3137



18.2389, 0.3167, 0.3099



13.4957, 0.3747, 0.1838



1.3284, 0.3674, 0.1798

Inverse Universe

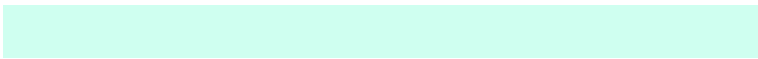
The Inverse Universe completely reimagines the original color for something new.



72.5427, 0.3211, 0.2905



67.4338, 0.3233, 0.2817



91.0433, 0.2924, 0.3449



18.2389, 0.3167, 0.3099



13.4957, 0.3747, 0.1838



1.3284, 0.3674, 0.1798

Previews

White Background



This preview shows how the Yxy color 72.5395, 0.3211, 0.2905 looks on a white background.

Color Contrast Check

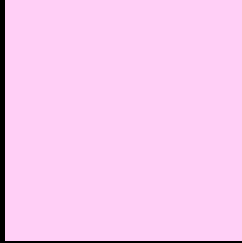
Large Text (above 18pt) WCAG AA × Fail

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 72.5395, 0.3211, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

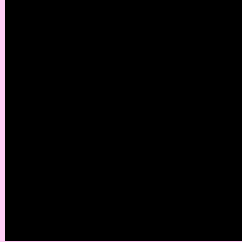
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.5395, 0.3211, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 72.5395, 0.3211, 0.2905.



This preview shows how white text looks on a background with the Yxy color 72.5395, 0.3211, 0.2905.

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

72.5395, 0.3211, 0.2905

Protanopia

72.9411, 0.2886, 0.2932

Deuteranopia

72.9670, 0.3063, 0.3000



Tritanopia

72.3347, 0.3322, 0.3118

Trichromacy



Original Color

72.5395, 0.3211, 0.2905

Protanomaly

72.3889, 0.2997, 0.2918

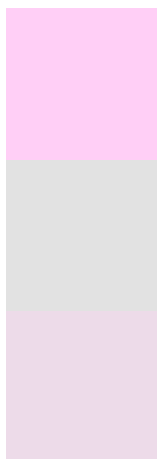
Deuteranomaly

72.8818, 0.3114, 0.2964

Tritanomaly

72.4241, 0.3280, 0.3039

Monochromacy



Original Color

72.5395, 0.3211, 0.2905

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.5508, 0.3162, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5395, 0.3211, 0.2905 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, 207, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 246)  
}
```

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, 207, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 246) }
```

Border

The CSS property to change the border of an element to Yxy 72.5395, 0.3211, 0.2905 is called "border". The border property can be set on classes, ids or directly on the HTML element.

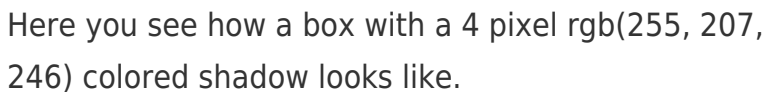
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 207, 246) }
```

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

```
.border{ border-color:rgb(255, 207, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 207, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 207, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 207, 246); box-shadow:4px 4px 4px 4px rgb(255, 207, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5395, 0.3211, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 246) }
```

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

```
.background{ background-color: rgb(255,  
207, 246) }
```

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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