

Converting Colors

$Y_{xy}(91.4720, 0.3674, 0.3053)$

Have a look what the booklet for
Yxy(91.4720, 0.3674, 0.3053)
contains.

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Color

Yxy(76.9643, 0.3212, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8F5
RGB	255, 216, 245
RGB Percent	100%, 85%, 96%
CMY	0.0001, 0.1529, 0.0393
CMYK	0.00, 0.15, 0.04, 0.00
HSL	315°, 100%, 92%
HSV	315°, 15%, 100%
XYZ	82.2660, 76.9643, 96.8905
YIQ	230.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

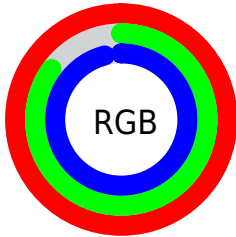
Format	Color
R _Y B	255, 216, 245
Decimal	16767221
CIE Lab	90.31, 18.29, -9.09
CIE LCh	90, 20.421, 333.584
Yxy	76.9643, 0.3212, 0.3005
Android (android.graphics.Color)	4294957301 (0xFFFFD8F5)
YUV	230.9670, 6.9183, 21.0769
Hunter-Lab	87.7293, 13.8577, -4.0709

Details

The Yxy color $76.9643, 0.3212, 0.3005$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.5934, 0.3052, 0.3593$, and the grayscale version is $79.8247, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.1696, 0.3228, 0.2939$ is the 20% darker color. If you saturate the color by 10%, you get $64.5073, 0.3279, 0.2811$, and if you desaturate by 10%, it is $91.4691, 0.3154, 0.3194$.

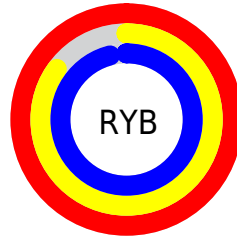
Distribution



Red (100%)

Green (85%)

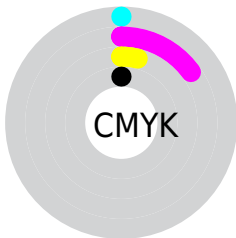
Blue (96%)



Red (100%)

Yellow (85%)

Blue (96%)

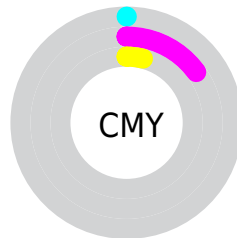


Cyan (0%)

Magenta (15%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9643, 0.3212, 0.3005 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 76.9643, 0.3212, 0.3005 by changing the saturation by 10% instead.

 76.9643, 0.3212,
0.3005

 76.9643, 0.3212,
0.3005


484.6423, 0.3175,
0.3133

 57.2236, 0.3220,
0.2977


129.0891, 0.3199,
0.3048

 41.1848, 0.3230,
0.2943


162.2419, 0.3194,
0.3066

 28.4635, 0.3242,
0.2900


200.6343, 0.3190,
0.3080

 18.6753, 0.3258,
0.2845

244.6505, 0.3186,
0.3093

 11.4359, 0.3278,
0.2773

294.6751, 0.3183,
0.3105

 6.3608, 0.3305,
0.2673

351.0923, 0.3180,

 3.0657, 0.3345,

0.3115

0.2526

414.2865, 0.3177,
0.3124

■ 1.1661, 0.3405,
0.2288

■ 0.0338, 0.4041,
0.0285

■ 76.9643, 0.3212,
0.3005

■ 76.9643, 0.3212,
0.3005

■ 64.5073, 0.3279,
0.2811

■ 91.4691, 0.3154,
0.3194

■ 53.9948, 0.3357,
0.2618

99.9941, 0.3127,
0.3290

■ 45.3295, 0.3444,
0.2432

■ 38.4017, 0.3539,
0.2265

■ 33.0902, 0.3642,
0.2126

■ 29.2578, 0.3748,
0.2026

■ 26.7449, 0.3854,
0.1973

■ 25.3542, 0.3956,
0.1969

■ 24.9540, 0.4004,
0.1979

Harmonies

Analogous

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



76.9643, 0.2969, 0.2904



76.9643, 0.3212, 0.3005



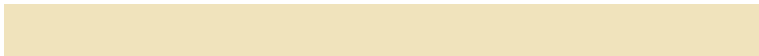
76.9643, 0.3439, 0.3175

Triad

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



76.9643, 0.3212, 0.3005



76.9643, 0.3482, 0.3694



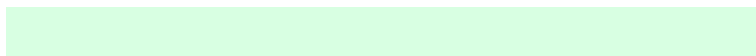
76.9643, 0.2692, 0.3173

Complementary

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



76.9643, 0.3212, 0.3005



91.5934, 0.3052, 0.3593

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.



76.9643, 0.2819, 0.3400



76.9643, 0.3212, 0.3005



76.9643, 0.3273, 0.3711

Square

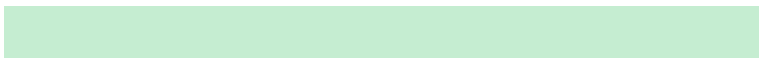
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



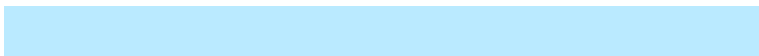
76.9643, 0.3212, 0.3005



76.9643, 0.3597, 0.3568



76.9643, 0.3030, 0.3602



76.9643, 0.2677, 0.2991

Rectangle

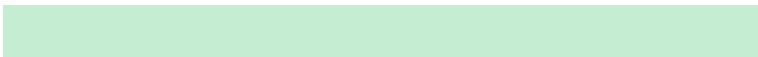
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9643, 0.3212, 0.3005



76.9643, 0.3547, 0.3310



76.9643, 0.3030, 0.3602



76.9643, 0.2723, 0.3247

Sweetspot

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



76.9677, 0.3212, 0.3005



91.9244, 0.3153, 0.3199



72.4697, 0.2944, 0.2887



19.4419, 0.3156, 0.3186



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.



76.9677, 0.3212, 0.3005



73.3950, 0.3229, 0.2953



75.8539, 0.3346, 0.3193



18.2161, 0.3177, 0.3115



13.0682, 0.3988, 0.1971



1.2901, 0.3879, 0.1911

Inverse Universe

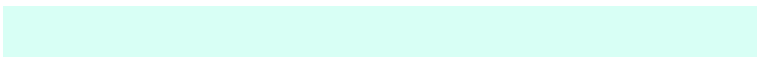
The Inverse Universe completely reimagines the original color for something new.



76.9677, 0.3212, 0.3005



73.3950, 0.3229, 0.2953



92.7088, 0.2946, 0.3389



18.2161, 0.3177, 0.3115



13.0682, 0.3988, 0.1971



1.2901, 0.3879, 0.1911

Previews

White Background



This preview shows how the Yxy color 76.9643, 0.3212, 0.3005 looks on a white background.

Color Contrast Check

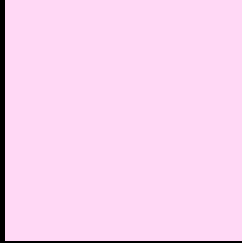
Large Text (above 18pt) WCAG AA × Fail

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 76.9643, 0.3212, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

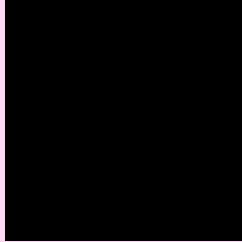
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.9643, 0.3212, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 76.9643, 0.3212, 0.3005.



This preview shows how white text looks on a background with the Yxy color 76.9643, 0.3212, 0.3005.

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

76.9643, 0.3212, 0.3005

Protanopia

77.3653, 0.2964, 0.3031

Deuteranopia

77.1218, 0.3124, 0.3057



Tritanopia

77.2118, 0.3272, 0.3121

Trichromacy



Original Color

76.9643, 0.3212, 0.3005

Protanomaly

76.9150, 0.3050, 0.3015

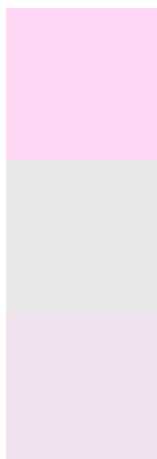
Deuteranomaly

76.9688, 0.3160, 0.3040

Tritanomaly

76.9285, 0.3245, 0.3072

Monochromacy



Original Color

76.9643, 0.3212, 0.3005

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.9741, 0.3160, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9643, 0.3212, 0.3005 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 245) }
```

Border

The CSS property to change the border of an element to Yxy 76.9643, 0.3212, 0.3005 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, 245) }
```

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

```
.border{ border-color:rgb(255, 216, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9643, 0.3212, 0.3005 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, 245) }
```

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

```
.background{ background-color: rgb(255,  
216, 245) }
```

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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