

Converting Colors

$Y_{xy}(78.0073, 0.3356, 0.2961)$

Have a look what the booklet for
Yxy(78.0073, 0.3356, 0.2961)
contains.

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Color

Yxy(73.9458, 0.3216, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2F5
RGB	255, 210, 245
RGB Percent	100%, 82%, 96%
CMY	0.0002, 0.1764, 0.0393
CMYK	0.00, 0.18, 0.04, 0.00
HSL	313°, 100%, 91%
HSV	313°, 18%, 100%
XYZ	80.7503, 73.9458, 96.3932
YIQ	227.4450, 15.5850, 20.4250

Conversions

Conversions Part 2

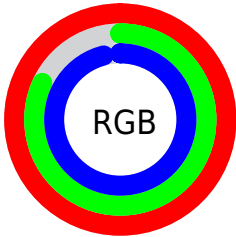
Format	Color
R _Y B	255, 210, 245
Decimal	16765685
CIE Lab	88.90, 21.42, -11.18
CIE LCh	89, 24.159, 332.425
Yxy	73.9458, 0.3216, 0.2945
Android (android.graphics.Color)	4294955765 (0xFFFFD2F5)
YUV	227.4450, 8.6546, 24.1657
Hunter-Lab	85.9917, 17.1344, -6.2674

Details

The Yxy color **73.9458, 0.3216, 0.2945** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.3556, 0.3049, 0.3661**, and the grayscale version is **77.0825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1226, 0.3233, 0.2862** is the 20% darker color. If you saturate the color by 10%, you get **62.0052, 0.3277, 0.2742**, and if you desaturate by 10%, it is **87.9087, 0.3163, 0.3144**.

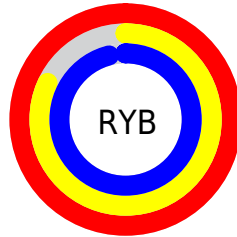
Distribution



Red (100%)

Green (82%)

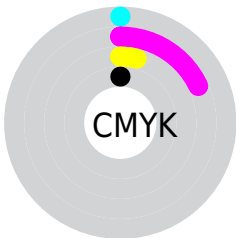
Blue (96%)



Red (100%)

Yellow (82%)

Blue (96%)

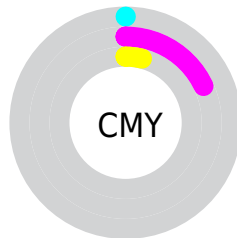


Cyan (0%)

Magenta (18%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9458, 0.3216, 0.2945 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 73.9458, 0.3216, 0.2945 by changing the saturation by 10% instead.


 73.9458, 0.3216,
0.2945

 73.9458, 0.3216,
0.2945


474.2863, 0.3177,
0.3100

 54.7497, 0.3224,
0.2911


124.8190, 0.3203,
0.2998

 39.2013, 0.3234,
0.2869


157.2648, 0.3198,
0.3018

 26.9164, 0.3247,
0.2817


194.8960, 0.3193,
0.3036

 17.5104, 0.3263,
0.2751

238.0970, 0.3189,
0.3052

 10.5991, 0.3283,
0.2663

287.2521, 0.3186,
0.3066

 5.7979, 0.3310,
0.2542

342.7458, 0.3183,

 2.7226, 0.3348,

0.3079

0.2363

404.9624, 0.3180,
0.3090

0.9887, 0.3403,
0.2074

0.0000, 0.3853,
0.0000

73.9458, 0.3216,
0.2945

73.9458, 0.3216,
0.2945

62.0052, 0.3277,
0.2742

87.9087, 0.3163,
0.3144

51.9823, 0.3347,
0.2543

99.9890, 0.3127,
0.3290

43.7780, 0.3424,
0.2354

37.2802, 0.3508,
0.2186

■ 32.3645, 0.3596,
0.2050

■ 28.8893, 0.3686,
0.1955

■ 26.6881, 0.3774,
0.1908

■ 25.5412, 0.3859,
0.1907

■ 25.3467, 0.3879,
0.1910

Harmonies

Analogous

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



73.9458, 0.2927, 0.2829



73.9458, 0.3216, 0.2945



73.9458, 0.3492, 0.3143

Triad

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



73.9458, 0.3216, 0.2945



73.9458, 0.3559, 0.3770



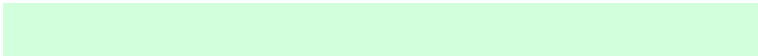
73.9458, 0.2613, 0.3157

Complementary

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



73.9458, 0.3216, 0.2945



90.3556, 0.3049, 0.3661

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.



73.9458, 0.2767, 0.3432



73.9458, 0.3216, 0.2945



73.9458, 0.3310, 0.3800

Square

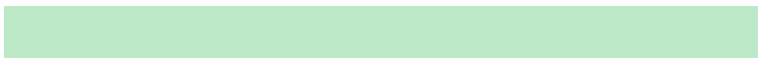
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



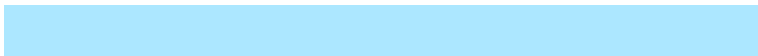
73.9458, 0.3216, 0.2945



73.9458, 0.3694, 0.3612



73.9458, 0.3020, 0.3675



73.9458, 0.2589, 0.2937

Rectangle

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



73.9458, 0.3216, 0.2945



73.9458, 0.3626, 0.3301



73.9458, 0.3020, 0.3675



73.9458, 0.2651, 0.3246

Sweetspot

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



73.9490, 0.3216, 0.2945



91.9525, 0.3150, 0.3195



68.5028, 0.2902, 0.2818



19.4487, 0.3153, 0.3181



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.



73.9490, 0.3216, 0.2945



69.7225, 0.3236, 0.2877



72.6717, 0.3375, 0.3162



18.2274, 0.3172, 0.3107



13.2744, 0.3865, 0.1903



1.3087, 0.3775, 0.1853

Inverse Universe

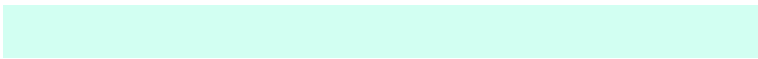
The Inverse Universe completely reimagines the original color for something new.



73.9490, 0.3216, 0.2945



69.7225, 0.3236, 0.2877



91.6130, 0.2928, 0.3422



18.2274, 0.3172, 0.3107



13.2744, 0.3865, 0.1903



1.3087, 0.3775, 0.1853

Previews

White Background



This preview shows how the Yxy color 73.9458, 0.3216, 0.2945 looks on a white background.

Color Contrast Check

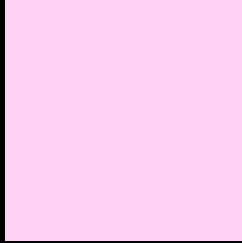
Large Text (above 18pt) WCAG AA × Fail

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 73.9458, 0.3216, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

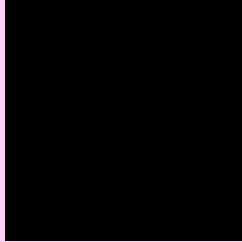
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9458, 0.3216, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 73.9458, 0.3216, 0.2945.



This preview shows how white text looks on a background with the Yxy color 73.9458, 0.3216, 0.2945.

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

73.9458, 0.3216, 0.2945

Protanopia

74.3309, 0.2918, 0.2975

Deuteranopia

73.9902, 0.3084, 0.3013



Tritanopia

74.1283, 0.3312, 0.3129

Trichromacy



Original Color

73.9458, 0.3216, 0.2945

Protanomaly

74.1382, 0.3023, 0.2971

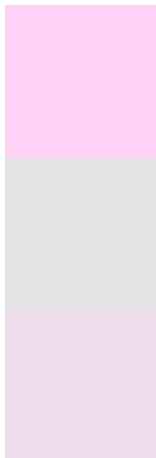
Deuteranomaly

73.6795, 0.3134, 0.2986

Tritanomaly

74.1560, 0.3278, 0.3061

Monochromacy



Original Color

73.9458, 0.3216, 0.2945

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.6579, 0.3155, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9458, 0.3216, 0.2945 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, 210, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 245) }
```

Border

The CSS property to change the border of an element to Yxy 73.9458, 0.3216, 0.2945 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, 210, 245) }
```

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

```
.border{ border-color:rgb(255, 210, 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, 210, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9458, 0.3216, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 245) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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