

Converting Colors

$Y_{xy}(100.0000, 0.3920, 0.3051)$

Have a look what the booklet for
Yxy(100.0000, 0.3920, 0.3051)
contains.

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Color

Yxy(75.9457, 0.3214, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6F5
RGB	255, 214, 245
RGB Percent	100%, 84%, 96%
CMY	0.0000, 0.1608, 0.0394
CMYK	0.00, 0.16, 0.04, 0.00
HSL	315°, 100%, 92%
HSV	315°, 16%, 100%
XYZ	81.7720, 75.9457, 96.7067
YIQ	229.7930, 14.4850, 18.3330

Conversions

Conversions Part 2

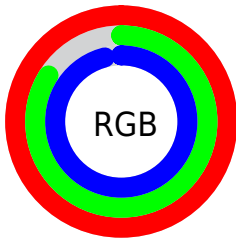
Format	Color
R _Y B	255, 214, 245
Decimal	16766709
CIE Lab	89.83, 19.36, -9.78
CIE LCh	90, 21.692, 333.214
Yxy	75.9457, 0.3214, 0.2985
Android (android.graphics.Color)	4294956789 (0xFFFFD6F5)
YUV	229.7930, 7.4971, 22.1065
Hunter-Lab	87.1468, 14.9840, -4.7913

Details

The Yxy color $75.9457, 0.3214, 0.2985$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.1995, 0.3051, 0.3616$, and the grayscale version is $78.9007, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.4762, 0.3230, 0.2913$ is the 20% darker color. If you saturate the color by 10%, you get $63.6556, 0.3279, 0.2788$, and if you desaturate by 10%, it is $90.2634, 0.3157, 0.3177$.

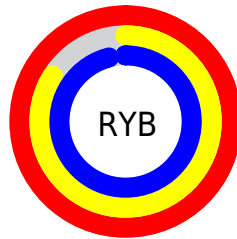
Distribution



Red (100%)

Green (84%)

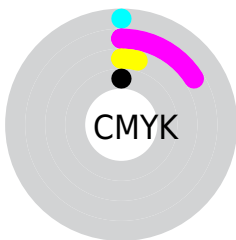
Blue (96%)



Red (100%)

Yellow (84%)

Blue (96%)

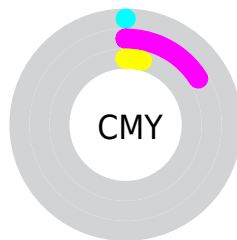


Cyan (0%)

Magenta (16%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9457, 0.3214, 0.2985 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 75.9457, 0.3214, 0.2985 by changing the saturation by 10% instead.


 75.9457, 0.3214,
0.2985

 75.9457, 0.3214,
0.2985


481.1618, 0.3176,
0.3122

 56.3880, 0.3222,
0.2955


127.6501, 0.3201,
0.3032

 40.5141, 0.3232,
0.2918


160.5657, 0.3196,
0.3050

 27.9396, 0.3245,
0.2872


198.7026, 0.3192,
0.3066

 18.2801, 0.3260,
0.2814

242.4453, 0.3188,
0.3080

 11.1513, 0.3281,
0.2737

292.1781, 0.3184,
0.3092

 6.1687, 0.3308,
0.2629

348.2856, 0.3181,

 2.9479, 0.3348,

0.3103

0.2471

411.1520, 0.3178,
0.3113

■ 1.1046, 0.3408,
0.2216

■ 0.0000, 0.4069,
0.0000

■ 75.9457, 0.3214,
0.2985

■ 75.9457, 0.3214,
0.2985

■ 63.6556, 0.3279,
0.2788

■ 90.2634, 0.3157,
0.3177

■ 53.3077, 0.3354,
0.2592

100.0000, 0.3127,
0.3290

■ 44.7978, 0.3438,
0.2406

■ 38.0155, 0.3530,
0.2238

■ 32.8384, 0.3627,
0.2100

■ 29.1279, 0.3728,
0.2002

■ 26.7219, 0.3828,
0.1951

■ 25.4190, 0.3924,
0.1948

■ 25.0921, 0.3961,
0.1956

Harmonies

Analogous

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



75.9457, 0.2956, 0.2879



75.9457, 0.3214, 0.2985



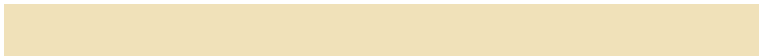
75.9457, 0.3457, 0.3165

Triad

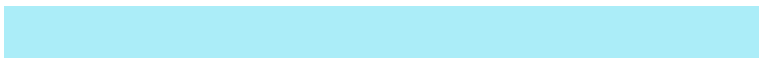
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9457, 0.3214, 0.2985



75.9457, 0.3507, 0.3720



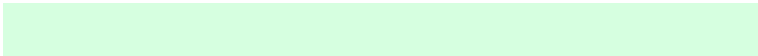
75.9457, 0.2665, 0.3167

Complementary

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



75.9457, 0.3214, 0.2985



91.1995, 0.3051, 0.3616

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.



75.9457, 0.2801, 0.3410



75.9457, 0.3214, 0.2985



75.9457, 0.3285, 0.3741

Square

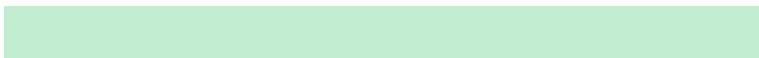
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



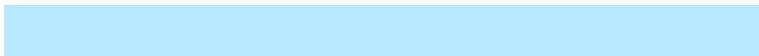
75.9457, 0.3214, 0.2985



75.9457, 0.3630, 0.3584



75.9457, 0.3026, 0.3626



75.9457, 0.2647, 0.2972

Rectangle

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



75.9457, 0.3214, 0.2985



75.9457, 0.3574, 0.3307



75.9457, 0.3026, 0.3626



75.9457, 0.2698, 0.3246

Sweetspot

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



75.9429, 0.3214, 0.2985



91.9338, 0.3152, 0.3198



71.0904, 0.2928, 0.2863



19.4442, 0.3155, 0.3184



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.



75.9429, 0.3214, 0.2985



72.1476, 0.3232, 0.2928



74.7850, 0.3354, 0.3181



18.2199, 0.3176, 0.3112



13.1361, 0.3946, 0.1948



1.2963, 0.3844, 0.1891

Inverse Universe

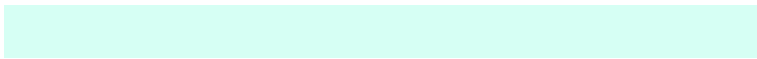
The Inverse Universe completely reimagines the original color for something new.



75.9429, 0.3214, 0.2985



72.1476, 0.3232, 0.2928



92.3516, 0.2941, 0.3402



18.2199, 0.3176, 0.3112



13.1361, 0.3946, 0.1948



1.2963, 0.3844, 0.1891

Previews

White Background



This preview shows how the Yxy color 75.9457, 0.3214, 0.2985 looks on a white background.

Color Contrast Check

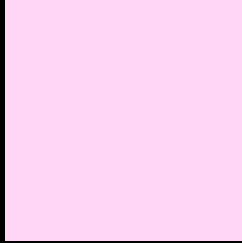
Large Text (above 18pt) WCAG AA × Fail

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 75.9457, 0.3214, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

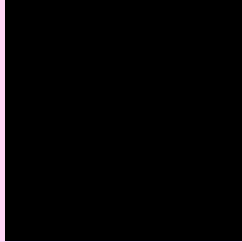
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9457, 0.3214, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 75.9457, 0.3214, 0.2985.

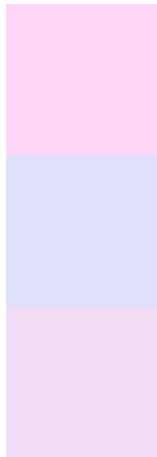


This preview shows how white text looks on a background with the Yxy color 75.9457, 0.3214, 0.2985.

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

75.9457, 0.3214, 0.2985

Protanopia

76.5667, 0.2945, 0.3009

Deuteranopia

76.2433, 0.3111, 0.3046



Tritanopia

75.8776, 0.3280, 0.3120

Trichromacy



Original Color

75.9457, 0.3214, 0.2985

Protanomaly

76.2146, 0.3044, 0.3004

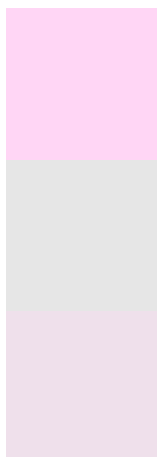
Deuteranomaly

76.0869, 0.3147, 0.3028

Tritanomaly

75.7861, 0.3261, 0.3071

Monochromacy



Original Color

75.9457, 0.3214, 0.2985

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.6602, 0.3160, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9457, 0.3214, 0.2985 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, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 245) }
```

Border

The CSS property to change the border of an element to Yxy 75.9457, 0.3214, 0.2985 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, 214, 245) }
```

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

```
.border{ border-color:rgb(255, 214, 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, 214, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9457, 0.3214, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 245) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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