

Converting Colors

$Y_{xy}(75.3834, 0.3085, 0.2904)$

Have a look what the booklet for
Yxy(75.3834, 0.3085, 0.2904)
contains.

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Color

Yxy(75.1691, 0.3082, 0.2901)

Conversions

Conversions Part 1

Format	Color
Hex	F5D7FE
RGB	245, 215, 254
RGB Percent	96%, 84%, 100%
CMY	0.0391, 0.1569, 0.0038
CMYK	0.04, 0.15, 0.00, 0.00
HSL	286°, 95%, 92%
HSV	286°, 15%, 100%
XYZ	79.8591, 75.1691, 104.0863
YIQ	228.4160, 5.3610, 18.4890

Conversions

Conversions Part 2

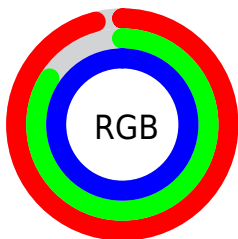
Format	Color
R _Y B	245, 215, 254
Decimal	16111614
CIE Lab	89.47, 17.19, -15.17
CIE LCh	89, 22.924, 318.566
Yxy	75.1691, 0.3082, 0.2901
Android (android.graphics.Color)	4294301694 (0xFFFF5D7FE)
YUV	228.4160, 12.6129, 14.5442
Hunter-Lab	86.7001, 12.6903, -10.4895

Details

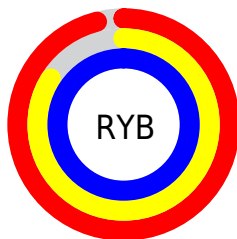
The Yxy color $75.1691, 0.3082, 0.2901$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $91.6487, 0.3164, 0.3697$, and the grayscale version is $77.8119, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.9916, 0.3076, 0.2819$ is the 20% darker color. If you saturate the color by 10%, you get $62.1897, 0.3045, 0.2634$, and if you desaturate by 10%, it is $90.1966, 0.3113, 0.3158$.

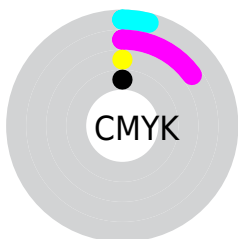
Distribution



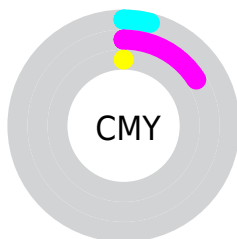
- Red (96%)
- Green (84%)
- Blue (100%)



- Red (96%)
- Yellow (84%)
- Blue (100%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1691, 0.3082, 0.2901 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 75.1691, 0.3082, 0.2901 by changing the saturation by 10% instead.

 75.1691, 0.3082,
0.2901

 75.1691, 0.3082,
0.2901


478.4986, 0.3105,
0.3075

 55.7514, 0.3076,
0.2863


126.5517, 0.3090,
0.2960

 40.0037, 0.3069,
0.2816


159.2854, 0.3093,
0.2983

 27.5414, 0.3060,
0.2759


197.2266, 0.3096,
0.3004

 17.9802, 0.3047,
0.2685

240.7597, 0.3098,
0.3021

 10.9358, 0.3029,
0.2588

290.2690, 0.3100,
0.3037

 6.0237, 0.3002,
0.2455

346.1390, 0.3102,

 2.8595, 0.2957,

0.3051

0.2260

408.7541, 0.3104,
0.3063

■ 1.0588, 0.2871,
0.1952

■ 0.0000, 0.2674,
0.0000

■ 75.1691, 0.3082,
0.2901

■ 75.1691, 0.3082,
0.2901

■ 62.1897, 0.3045,
0.2634

■ 90.1966, 0.3113,
0.3158

■ 51.1561, 0.3001,
0.2365

99.9374, 0.3133,
0.3299

■ 41.9715, 0.2951,
0.2102

■ 34.5271, 0.2896,
0.1856

■ 28.7022, 0.2836,
0.1640

■ 24.3609, 0.2773,
0.1462

■ 21.3443, 0.2711,
0.1330

■ 19.4565, 0.2649,
0.1246

■ 18.8336, 0.2621,
0.1218

Harmonies

Analogous

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



75.1691, 0.2829, 0.2837



75.1691, 0.3082, 0.2901



75.1691, 0.3358, 0.3057

Triad

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



75.1691, 0.3082, 0.2901



75.1691, 0.3610, 0.3687



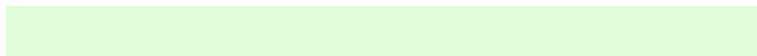
75.1691, 0.2694, 0.3283

Complementary

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



75.1691, 0.3082, 0.2901



91.6487, 0.3164, 0.3697

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.



75.1691, 0.2889, 0.3539



75.1691, 0.3082, 0.2901



75.1691, 0.3418, 0.3775

Square

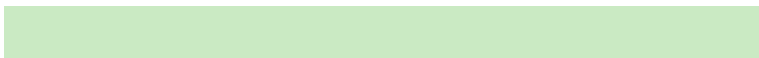
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



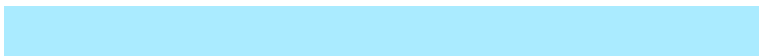
75.1691, 0.3082, 0.2901



75.1691, 0.3671, 0.3500



75.1691, 0.3153, 0.3724



75.1691, 0.2612, 0.3043

Rectangle

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



75.1691, 0.3082, 0.2901



75.1691, 0.3516, 0.3196



75.1691, 0.3153, 0.3724



75.1691, 0.2748, 0.3371

Sweetspot

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



75.1723, 0.3082, 0.2901



91.5808, 0.3114, 0.3167



74.9665, 0.2881, 0.2975



19.3581, 0.3112, 0.3149



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.



75.1723, 0.3082, 0.2901



72.1810, 0.3073, 0.2831



76.1792, 0.3215, 0.3007



18.0772, 0.3101, 0.3053



9.9969, 0.2631, 0.1223



1.0222, 0.2700, 0.1261

Inverse Universe

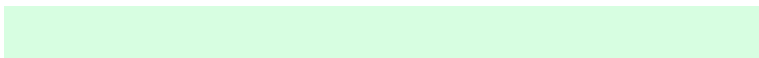
The Inverse Universe completely reimagines the original color for something new.



75.0513, 0.3353, 0.3200



72.0596, 0.3399, 0.3184



90.8032, 0.3049, 0.3590



18.0556, 0.3258, 0.3236



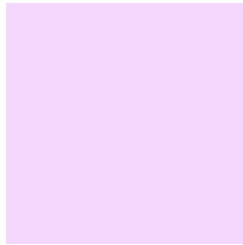
11.2908, 0.5996, 0.3077



1.1152, 0.5686, 0.2906

Previews

White Background



This preview shows how the Yxy color 75.1691, 0.3082, 0.2901 looks on a white background.

Color Contrast Check

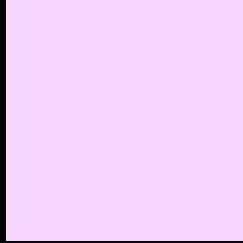
Large Text (above 18pt) WCAG AA × Fail

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 75.1691, 0.3082, 0.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

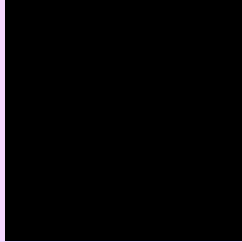
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1691, 0.3082, 0.2901

Background



This preview shows how black text looks on a background with the Yxy color 75.1691, 0.3082, 0.2901.

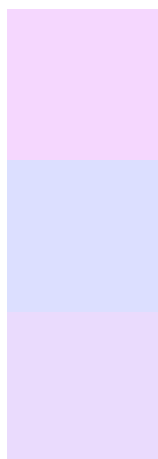


This preview shows how white text looks on a background with the Yxy color 75.1691, 0.3082, 0.2901.

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

75.1691, 0.3082, 0.2901

Protanopia

75.2110, 0.2907, 0.2957

Deuteranopia

75.2473, 0.3012, 0.2944



Tritanopia

75.0182, 0.3185, 0.3116

Trichromacy



Original Color

75.1691, 0.3082, 0.2901

Protanomaly

75.0644, 0.2966, 0.2931

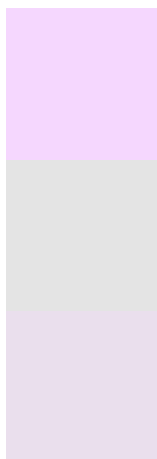
Deuteranomaly

75.4118, 0.3039, 0.2936

Tritanomaly

75.0912, 0.3146, 0.3037

Monochromacy



Original Color

75.1691, 0.3082, 0.2901

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.3822, 0.3113, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1691, 0.3082, 0.2901 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(245, 215, 254)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 254)  
}
```

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(245, 215, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 254) }
```

Border

The CSS property to change the border of an element to Yxy 75.1691, 0.3082, 0.2901 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(245, 215, 254) }
```

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

```
.border{ border-color:rgb(245, 215, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 254);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1691, 0.3082, 0.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 254) }
```

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

```
.background{ background-color: rgb(245,  
215, 254) }
```

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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