

Converting Colors

$Yxy(74.3034, 0.3063, 0.2878)$

Have a look what the booklet for
Yxy(74.3034, 0.3063, 0.2878)
contains.

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Color

Yxy(74.3678, 0.3062, 0.2880)

Conversions

Conversions Part 1

Format	Color
Hex	F3D6FF
RGB	243, 214, 255
RGB Percent	95%, 84%, 100%
CMY	0.0469, 0.1608, 0.0000
CMYK	0.05, 0.16, 0.00, 0.00
HSL	283°, 100%, 92%
HSV	283°, 16%, 100%
XYZ	79.0674, 74.3678, 104.7863
YIQ	227.3450, 4.1230, 18.8990

Conversions

Conversions Part 2

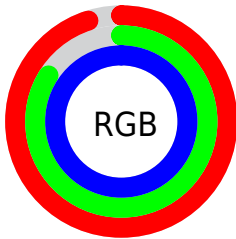
Format	Color
R_{YB}	243, 214, 255
Decimal	15980287
CIE _{Lab}	89.10, 17.24, -16.26
CIE _{LCh}	89, 23.701, 316.683
Yxy	74.3678, 0.3062, 0.2880
Android (android.graphics.Color)	4294170367 (0xFFFF3D6FF)
YUV	227.3450, 13.6339, 13.7294
Hunter-Lab	86.2368, 12.7460, -11.6775

Details

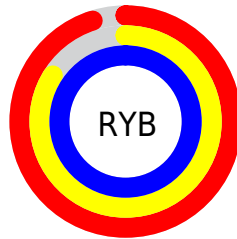
The Yxy color **74.3678, 0.3062, 0.2880** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92.5286, 0.3181, 0.3715**, and the grayscale version is **76.9813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4383, 0.3049, 0.2791** is the 20% darker color. If you saturate the color by 10%, you get **61.1632, 0.3011, 0.2609**, and if you desaturate by 10%, it is **89.6525, 0.3105, 0.3140**.

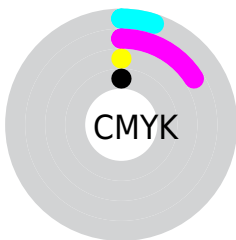
Distribution



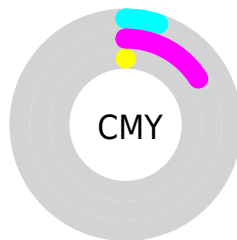
- Red (95%)
- Green (84%)
- Blue (100%)



- Red (95%)
- Yellow (84%)
- Blue (100%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3678, 0.3062, 0.2880 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 74.3678, 0.3062, 0.2880 by changing the saturation by 10% instead.

 74.3678, 0.3062,
0.2880

 74.3678, 0.3062,
0.2880


475.7418, 0.3094,
0.3063

 55.0951, 0.3054,
0.2840

125.4171, 0.3074,
0.2942

 39.4779, 0.3044,
0.2791

157.9624, 0.3078,
0.2967

 27.1317, 0.3032,
0.2730


195.7008, 0.3082,
0.2988

 17.6722, 0.3015,
0.2652

239.0166, 0.3085,
0.3007

 10.7149, 0.2991,
0.2550

288.2942, 0.3088,
0.3023

 5.8754, 0.2955,
0.2409

343.9180, 0.3090,

 2.7695, 0.2896,

0.3038

0.2204

406.2724, 0.3092,
0.3051

■ 1.0126, 0.2786,
0.1881

■ 0.0000, 0.2405,
0.0000

■ 74.3678, 0.3062,
0.2880

■ 74.3678, 0.3062,
0.2880

■ 61.1632, 0.3011,
0.2609

■ 89.6525, 0.3105,
0.3140

■ 49.9347, 0.2953,
0.2333

99.9994, 0.3127,
0.3290

■ 40.5839, 0.2886,
0.2062

■ 32.9997, 0.2813,
0.1807

■ 27.0592, 0.2735,
0.1580

■ 22.6232, 0.2655,
0.1393

■ 19.5292, 0.2575,
0.1252

■ 17.5752, 0.2498,
0.1161

■ 17.0029, 0.2469,
0.1134

Harmonies

Analogous

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



74.3678, 0.2803, 0.2821



74.3678, 0.3062, 0.2880



74.3678, 0.3350, 0.3036

Triad

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



74.3678, 0.3062, 0.2880



74.3678, 0.3637, 0.3691



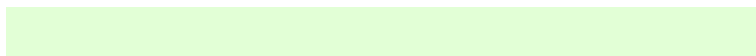
74.3678, 0.2688, 0.3300

Complementary

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



74.3678, 0.3062, 0.2880



92.5286, 0.3181, 0.3715

Split Complementary

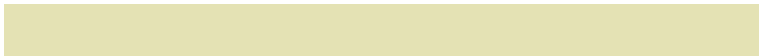
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3678, 0.2896, 0.3564



74.3678, 0.3062, 0.2880



74.3678, 0.3444, 0.3792

Square

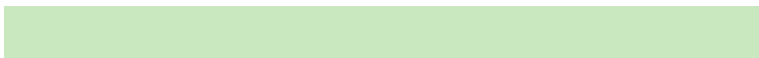
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



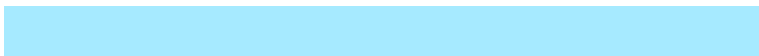
74.3678, 0.3062, 0.2880



74.3678, 0.3690, 0.3493



74.3678, 0.3172, 0.3749



74.3678, 0.2595, 0.3047

Rectangle

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



74.3678, 0.3062, 0.2880



74.3678, 0.3517, 0.3178



74.3678, 0.3172, 0.3749



74.3678, 0.2746, 0.3391

Sweetspot

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



74.3710, 0.3062, 0.2880



91.4351, 0.3109, 0.3167



76.0664, 0.2870, 0.2988



19.3226, 0.3106, 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.



74.3710, 0.3062, 0.2880



70.3072, 0.3048, 0.2802



76.0504, 0.3201, 0.2968



18.0189, 0.3091, 0.3052



8.9655, 0.2481, 0.1141



0.9290, 0.2566, 0.1187

Inverse Universe

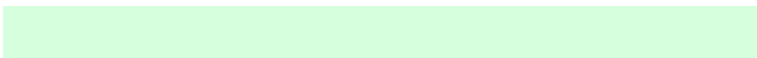
The Inverse Universe completely reimagines the original color for something new.



74.8357, 0.3347, 0.3171



70.8709, 0.3396, 0.3148



91.0937, 0.3061, 0.3635



18.0742, 0.3248, 0.3221



11.3918, 0.5799, 0.2968



1.1272, 0.5478, 0.2792

Previews

White Background



This preview shows how the Yxy color 74.3678, 0.3062, 0.2880 looks on a white background.

Color Contrast Check

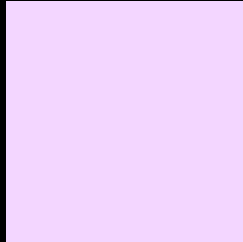
Large Text (above 18pt) WCAG AA × Fail

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 74.3678, 0.3062, 0.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

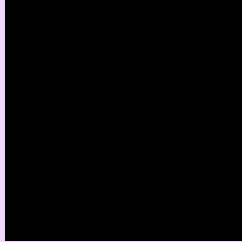
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

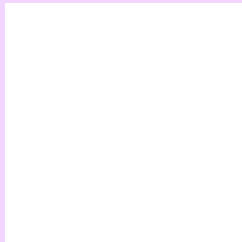
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3678, 0.3062, 0.2880

Background



This preview shows how black text looks on a background with the Yxy color 74.3678, 0.3062, 0.2880.

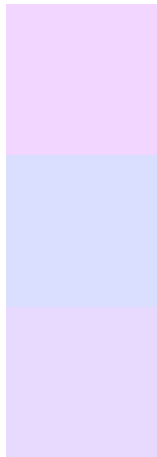


This preview shows how white text looks on a background with the Yxy color 74.3678, 0.3062, 0.2880.

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

74.3678, 0.3062, 0.2880

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

74.2875, 0.2985, 0.2921



Tritanopia

74.6662, 0.3171, 0.3115

Trichromacy



Original Color

74.3678, 0.3062, 0.2880

Protanomaly

74.2139, 0.2952, 0.2919

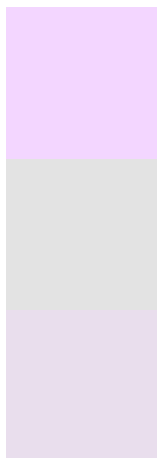
Deuteranomaly

74.4436, 0.3012, 0.2914

Tritanomaly

74.7373, 0.3132, 0.3035

Monochromacy



Original Color

74.3678, 0.3062, 0.2880

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.6806, 0.3106, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3678, 0.3062, 0.2880 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(243, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 214, 255)  
}
```

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(243, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.3678, 0.3062, 0.2880 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(243, 214, 255) }
```

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

```
.border{ border-color:rgb(243, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3678, 0.3062, 0.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 214, 255) }
```

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

```
.background{ background-color: rgb(243,  
214, 255) }
```

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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