

Converting Colors

$Y_{xy}(78.2211, 0.3129, 0.2928)$

Have a look what the booklet for
Yxy(78.2211, 0.3129, 0.2928)
contains.

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Color

Yxy(78.2455, 0.3130, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	FDDAFF
RGB	253, 218, 255
RGB Percent	99%, 85%, 100%
CMY	0.0080, 0.1450, 0.0001
CMYK	0.01, 0.14, 0.00, 0.00
HSL	297°, 100%, 93%
HSV	297°, 14%, 100%
XYZ	83.6150, 78.2455, 105.2801
YIQ	232.6830, 8.9830, 18.9270

Conversions

Conversions Part 2

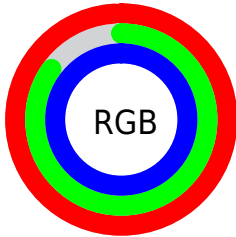
Format	Color
R _{YB}	253, 218, 255
Decimal	16636671
CIE _{Lab}	90.89, 18.35, -13.47
CIE _{LCh}	91, 22.766, 323.715
Yxy	78.2455, 0.3130, 0.2929
Android (android.graphics.Color)	4294826751 (0xFFFDDAFF)
YUV	232.6830, 11.0023, 17.8180
Hunter-Lab	88.4565, 13.9314, -8.6469

Details

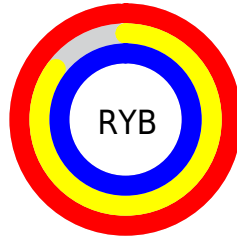
The Yxy color **78.2455, 0.3130, 0.2929** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.7875, 0.3121, 0.3676**, and the grayscale version is **81.1443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0074, 0.3129, 0.2854** is the 20% darker color. If you saturate the color by 10%, you get **65.7650, 0.3130, 0.2674**, and if you desaturate by 10%, it is **92.7688, 0.3128, 0.3180**.

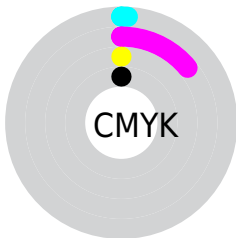
Distribution



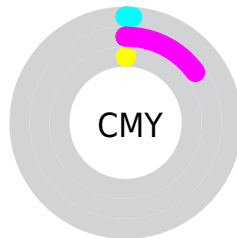
- Red (99%)
- Green (85%)
- Blue (100%)



- Red (99%)
- Yellow (85%)
- Blue (100%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2455, 0.3130, 0.2929 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 78.2455, 0.3130, 0.2929 by changing the saturation by 10% instead.


 78.2455, 0.3130,
0.2929

 78.2455, 0.3130,
0.2929

489.0002, 0.3131,
0.3089

 58.2757, 0.3129,
0.2894

130.8961, 0.3131,
0.2983

 42.0303, 0.3128,
0.2851


164.3457, 0.3131,
0.3005

 29.1250, 0.3127,
0.2799


203.0574, 0.3131,
0.3023

 19.1754, 0.3125,
0.2732

247.4155, 0.3131,
0.3040

 11.7971, 0.3120,
0.2644

297.8044, 0.3131,
0.3054

 6.6057, 0.3113,
0.2524

354.6086, 0.3131,

 3.2167, 0.3099,

0.3067

0.2349

418.2124, 0.3131,
0.3079

■ 1.2459, 0.3066,
0.2076

■ 0.0987, 0.3201,
0.0583

■ 78.2455, 0.3130,
0.2929

■ 78.2455, 0.3130,
0.2929

■ 65.7650, 0.3130,
0.2674

■ 92.7688, 0.3128,
0.3180

■ 55.2246, 0.3129,
0.2421

99.9983, 0.3127,
0.3290

■ 46.5276, 0.3126,
0.2182

■ 39.5655, 0.3120,
0.1966

■ 34.2180, 0.3112,
0.1782

■ 30.3498, 0.3102,
0.1638

■ 27.8033, 0.3091,
0.1539

■ 26.3852, 0.3078,
0.1483

■ 25.9350, 0.3071,
0.1465

Harmonies

Analogous

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



78.2455, 0.2873, 0.2849



78.2455, 0.3130, 0.2929



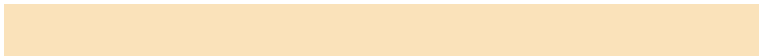
78.2455, 0.3397, 0.3095

Triad

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



78.2455, 0.3130, 0.2929



78.2455, 0.3576, 0.3702



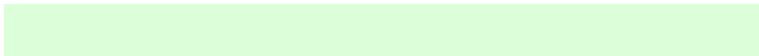
78.2455, 0.2680, 0.3240

Complementary

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



78.2455, 0.3130, 0.2929



91.7875, 0.3121, 0.3676

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.



78.2455, 0.2855, 0.3494



78.2455, 0.3130, 0.2929



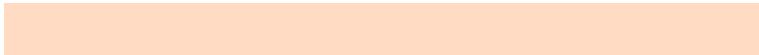
78.2455, 0.3371, 0.3767

Square

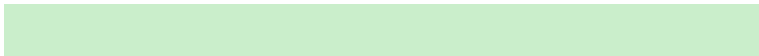
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2455, 0.3130, 0.2929



78.2455, 0.3660, 0.3532



78.2455, 0.3106, 0.3692



78.2455, 0.2621, 0.3015

Rectangle

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



78.2455, 0.3130, 0.2929



78.2455, 0.3541, 0.3236



78.2455, 0.3106, 0.3692



78.2455, 0.2727, 0.3325

Sweetspot

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



78.2489, 0.3130, 0.2929



93.5587, 0.3128, 0.3192



73.5699, 0.2893, 0.2929



19.7743, 0.3128, 0.3174



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.



78.2489, 0.3130, 0.2929



74.9472, 0.3130, 0.2865



77.6399, 0.3252, 0.3083



18.2470, 0.3129, 0.3055



13.5766, 0.3073, 0.1466



1.3367, 0.3089, 0.1476

Inverse Universe

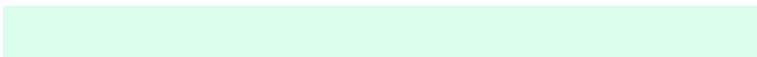
The Inverse Universe completely reimagines the original color for something new.



76.5793, 0.3384, 0.3271



73.0277, 0.3437, 0.3267



92.3547, 0.3019, 0.3506



18.0031, 0.3286, 0.3277



11.1316, 0.6346, 0.3270



1.0892, 0.6218, 0.3199

Previews

White Background



This preview shows how the Yxy color 78.2455, 0.3130, 0.2929 looks on a white background.

Color Contrast Check

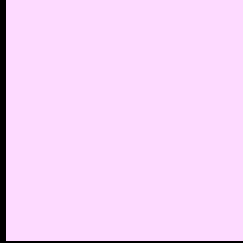
Large Text (above 18pt) WCAG AA × Fail

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 78.2455, 0.3130, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

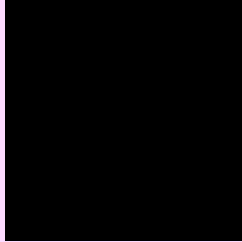
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

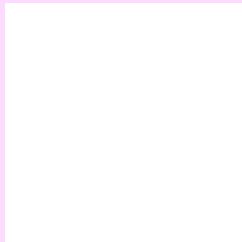
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2455, 0.3130, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 78.2455, 0.3130, 0.2929.

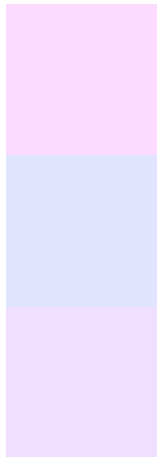


This preview shows how white text looks on a background with the Yxy color 78.2455, 0.3130, 0.2929.

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

78.2455, 0.3130, 0.2929

Protanopia

78.7144, 0.2941, 0.3012

Deuteranopia

78.4564, 0.3046, 0.2979



Tritanopia

78.3952, 0.3227, 0.3121

Trichromacy



Original Color

78.2455, 0.3130, 0.2929

Protanomaly

78.1935, 0.3006, 0.2977

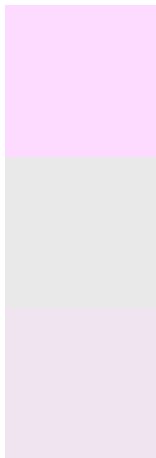
Deuteranomaly

78.2811, 0.3080, 0.2962

Tritanomaly

78.4135, 0.3195, 0.3053

Monochromacy



Original Color

78.2455, 0.3130, 0.2929

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.3629, 0.3126, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2455, 0.3130, 0.2929 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(253, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 218, 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(253, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 218, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.2455, 0.3130, 0.2929 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(253, 218, 255) }
```

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

```
.border{ border-color:rgb(253, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 218,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2455, 0.3130, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 218, 255) }
```

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

```
.background{ background-color: rgb(253,  
218, 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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