

Converting Colors

$Yxy(78.1286, 0.3048, 0.2959)$

Have a look what the booklet for
Yxy(78.1286, 0.3048, 0.2959)
contains.

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Color

Yxy(78.1633, 0.3046, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	F1DEFF
RGB	241, 222, 255
RGB Percent	95%, 87%, 100%
CMY	0.0551, 0.1293, 0.0000
CMYK	0.06, 0.13, 0.00, 0.00
HSL	274°, 100%, 94%
HSV	274°, 13%, 100%
XYZ	80.4343, 78.1633, 105.4676
YIQ	231.4430, 0.7310, 14.2910

Conversions

Conversions Part 2

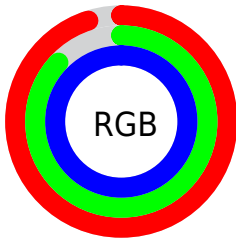
Format	Color
R _Y B	241, 222, 255
Decimal	15851263
CIE Lab	90.85, 12.36, -13.65
CIE LCh	91, 18.417, 312.148
Yxy	78.1633, 0.3046, 0.2960
Android (android.graphics.Color)	4294041343 (0xFFFF1DEFF)
YUV	231.4430, 11.6136, 8.3815
Hunter-Lab	88.4100, 7.6794, -8.8423

Details

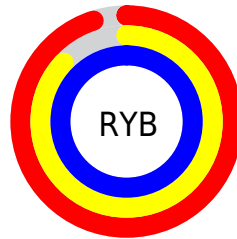
The Yxy color **78.1633, 0.3046, 0.2960** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.6413, 0.3199, 0.3623**, and the grayscale version is **80.1663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0289, 0.3030, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **63.7717, 0.2971, 0.2685**, and if you desaturate by 10%, it is **94.7222, 0.3110, 0.3218**.

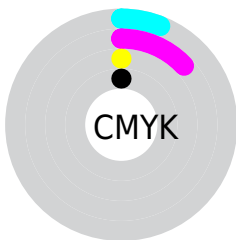
Distribution



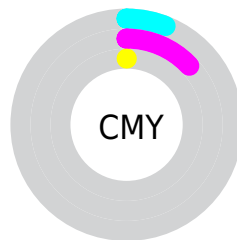
- Red (95%)
- Green (87%)
- Blue (100%)



- Red (95%)
- Yellow (87%)
- Blue (100%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1633, 0.3046, 0.2960 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 78.1633, 0.3046, 0.2960 by changing the saturation by 10% instead.

 78.1633, 0.3046,
0.2960

 78.1633, 0.3046,
0.2960


488.7212, 0.3084,
0.3107

 58.2081, 0.3037,
0.2928


130.7803, 0.3059,
0.3010

 41.9760, 0.3026,
0.2888

164.2109, 0.3065,
0.3030

 29.0825, 0.3012,
0.2839


202.9021, 0.3069,
0.3047

 19.1432, 0.2993,
0.2777

247.2384, 0.3073,
0.3062

 11.7738, 0.2968,
0.2694

297.6040, 0.3076,
0.3075

 6.5899, 0.2931,
0.2580

354.3834, 0.3079,

 3.2070, 0.2873,

0.3087

0.2414

417.9610, 0.3082,
0.3098

■ 1.2407, 0.2769,
0.2149

■ 0.0946, 0.2532,
0.0611

■ 78.1633, 0.3046,
0.2960

■ 78.1633, 0.3046,
0.2960

■ 63.7717, 0.2971,
0.2685

■ 94.7222, 0.3110,
0.3218

■ 51.4467, 0.2884,
0.2397

100.0000, 0.3127,
0.3290

■ 41.0901, 0.2786,
0.2106

■ 32.5924, 0.2679,
0.1822

■ 25.8335, 0.2565,
0.1559

■ 20.6782, 0.2448,
0.1332

■ 16.9710, 0.2334,
0.1151

■ 14.5232, 0.2227,
0.1024

■ 13.3600, 0.2157,
0.0962

Harmonies

Analogous

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



78.1633, 0.2854, 0.2928



78.1633, 0.3046, 0.2960



78.1633, 0.3266, 0.3072

Triad

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



78.1633, 0.3046, 0.2960



78.1633, 0.3530, 0.3581



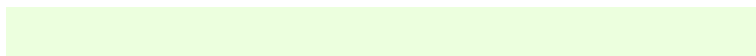
78.1633, 0.2809, 0.3331

Complementary

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



78.1633, 0.3046, 0.2960



94.6413, 0.3199, 0.3623

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.



78.1633, 0.2981, 0.3524



78.1633, 0.3046, 0.2960



78.1633, 0.3399, 0.3668

Square

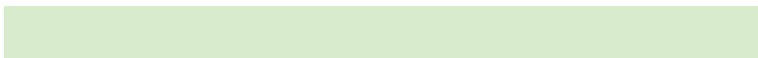
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



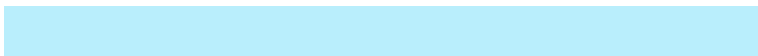
78.1633, 0.3046, 0.2960



78.1633, 0.3551, 0.3423



78.1633, 0.3197, 0.3649



78.1633, 0.2721, 0.3133

Rectangle

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



78.1633, 0.3046, 0.2960



78.1633, 0.3398, 0.3179



78.1633, 0.3197, 0.3649



78.1633, 0.2859, 0.3399

Sweetspot

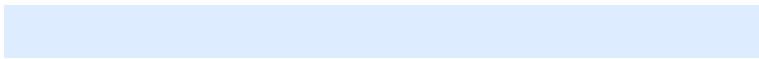
The Sweet Spot groups the original color and five complimentary colors.



78.1656, 0.3046, 0.2960



92.8486, 0.3104, 0.3192



82.9244, 0.2924, 0.3098



19.5942, 0.3099, 0.3173



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.



78.1656, 0.3046, 0.2960



73.5243, 0.3024, 0.2877



80.5938, 0.3156, 0.2991



17.8923, 0.3069, 0.3051



7.0708, 0.2172, 0.0970



0.7529, 0.2286, 0.1033

Inverse Universe

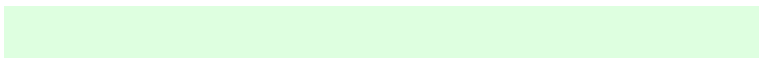
The Inverse Universe completely reimagines the original color for something new.



79.5752, 0.3268, 0.3151



75.2573, 0.3307, 0.3117



92.4470, 0.3099, 0.3609



18.1156, 0.3227, 0.3189



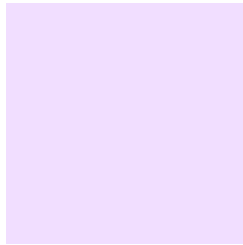
11.7106, 0.5276, 0.2680



1.1616, 0.4985, 0.2520

Previews

White Background



This preview shows how the Yxy color 78.1633, 0.3046, 0.2960 looks on a white background.

Color Contrast Check

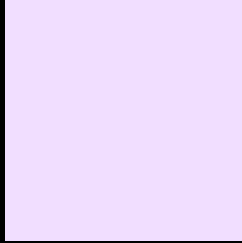
Large Text (above 18pt) WCAG AA × Fail

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 78.1633, 0.3046, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

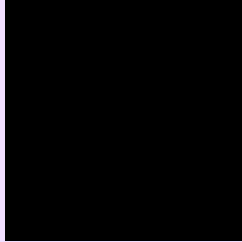
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

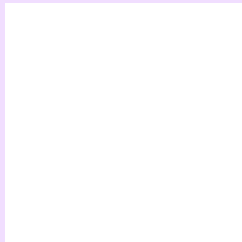
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1633, 0.3046, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 78.1633, 0.3046, 0.2960.

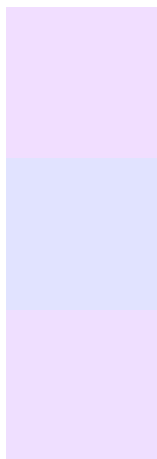


This preview shows how white text looks on a background with the Yxy color 78.1633, 0.3046, 0.2960.

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

78.1633, 0.3046, 0.2960

Protanopia

78.1657, 0.2941, 0.3002

Deuteranopia

78.3461, 0.3033, 0.2969



Tritanopia

78.0728, 0.3115, 0.3107

Trichromacy



Original Color

78.1633, 0.3046, 0.2960

Protanomaly

78.0594, 0.2979, 0.2984

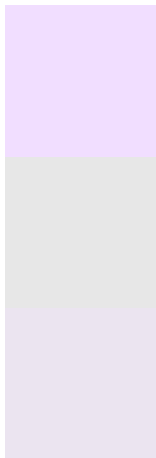
Deuteranomaly

78.5206, 0.3040, 0.2970

Tritanomaly

78.0160, 0.3090, 0.3047

Monochromacy



Original Color

78.1633, 0.3046, 0.2960

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.4402, 0.3099, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1633, 0.3046, 0.2960 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(241, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 222, 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(241, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.1633, 0.3046, 0.2960 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(241, 222, 255) }
```

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

```
.border{ border-color:rgb(241, 222, 255) }
```

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

Here you see how a box with a 4 pixel rgb(241, 222, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 222,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 78.1633, 0.3046, 0.2960$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 222, 255) }
```

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

```
.background{ background-color: rgb(241,  
222, 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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