

Converting Colors

$Yxy(76.1904, 0.3012, 0.2946)$

Have a look what the booklet for
Yxy(76.1904, 0.3012, 0.2946)
contains.

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Color

Yxy(76.0043, 0.3012, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	EBDCFE
RGB	235, 220, 254
RGB Percent	92%, 86%, 100%
CMY	0.0786, 0.1372, 0.0039
CMYK	0.07, 0.13, 0.00, 0.00
HSL	266°, 94%, 93%
HSV	266°, 13%, 100%
XYZ	77.7334, 76.0043, 104.3414
YIQ	228.3610, -1.9740, 13.7540

Conversions

Conversions Part 2

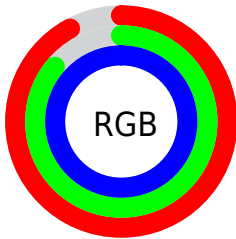
Format	Color
R _Y B	235, 220, 254
Decimal	15457534
CIE Lab	89.86, 11.29, -14.66
CIE LCh	90, 18.501, 307.589
Yxy	76.0043, 0.3012, 0.2945
Android (android.graphics.Color)	4293647614 (0xFFEBDCFE)
YUV	228.3610, 12.6400, 5.8224
Hunter-Lab	87.1804, 6.5917, -9.9346

Details

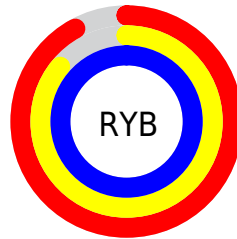
The Yxy color **76.0043, 0.3012, 0.2945** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.4162, 0.3231, 0.3633**, and the grayscale version is **77.7665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5252, 0.2986, 0.2873** is the 20% darker color. If you saturate the color by 10%, you get **61.3445, 0.2909, 0.2662**, and if you desaturate by 10%, it is **92.8900, 0.3100, 0.3207**.

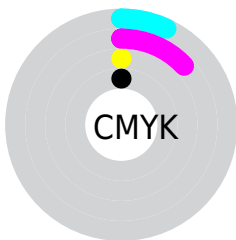
Distribution



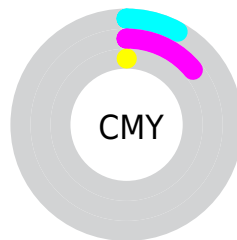
- Red (92%)
- Green (86%)
- Blue (100%)



- Red (92%)
- Yellow (86%)
- Blue (100%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0043, 0.3012, 0.2945 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 76.0043, 0.3012, 0.2945 by changing the saturation by 10% instead.

76.0043, 0.3012,
0.2945

76.0043, 0.3012,
0.2945

481.3624, 0.3066,
0.3100

56.4360, 0.3000,
0.2911

127.7330, 0.3031,
0.2998

40.5526, 0.2984,
0.2869

160.6622, 0.3038,
0.3019

27.9697, 0.2964,
0.2817

198.8138, 0.3044,
0.3037

18.3028, 0.2939,
0.2750

242.5723, 0.3050,
0.3052

11.1676, 0.2903,
0.2662

292.3220, 0.3055,
0.3066

6.1797, 0.2852,
0.2540

348.4473, 0.3059,

2.9546, 0.2772,

0.3079

0.2361

411.3327, 0.3063,
0.3090

■ 1.1081, 0.2631,
0.2073

■ 0.0000, 0.2055,
0.0000

■ 76.0043, 0.3012,
0.2945

■ 76.0043, 0.3012,
0.2945

■ 61.3445, 0.2909,
0.2662

■ 92.8900, 0.3100,
0.3207

■ 48.8054, 0.2792,
0.2362

99.9360, 0.3133,
0.3299

■ 38.2875, 0.2662,
0.2053

■ 29.6792, 0.2521,
0.1749

■ 22.8579, 0.2374,
0.1464

■ 17.6861, 0.2228,
0.1215

■ 14.0050, 0.2089,
0.1017

■ 11.6226, 0.1965,
0.0879

■ 10.5789, 0.1892,
0.0816

Harmonies

Analogous

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



76.0043, 0.2827, 0.2927



76.0043, 0.3012, 0.2945



76.0043, 0.3235, 0.3047

Triad

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



76.0043, 0.3012, 0.2945



76.0043, 0.3547, 0.3564



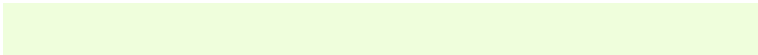
76.0043, 0.2826, 0.3363

Complementary

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



76.0043, 0.3012, 0.2945



94.4162, 0.3231, 0.3633

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.



76.0043, 0.3011, 0.3552



76.0043, 0.3012, 0.2945



76.0043, 0.3429, 0.3666

Square

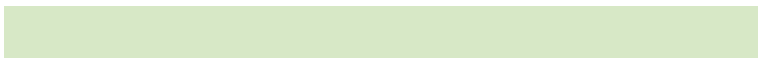
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0043, 0.3012, 0.2945



76.0043, 0.3550, 0.3397



76.0043, 0.3231, 0.3665



76.0043, 0.2723, 0.3159

Rectangle

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



76.0043, 0.3012, 0.2945



76.0043, 0.3374, 0.3151



76.0043, 0.3231, 0.3665



76.0043, 0.2881, 0.3431

Sweetspot

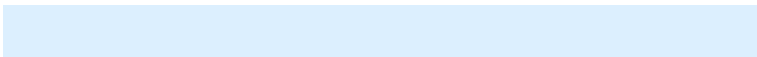
The Sweet Spot groups the original color and five complimentary colors.



76.0075, 0.3012, 0.2945



92.5959, 0.3095, 0.3191



84.2699, 0.2918, 0.3138



19.5302, 0.3089, 0.3172



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.



76.0075, 0.3012, 0.2945



72.5931, 0.2986, 0.2873



78.9989, 0.3127, 0.2957



17.7684, 0.3048, 0.3049



5.6610, 0.1909, 0.0825



0.6146, 0.2035, 0.0894

Inverse Universe

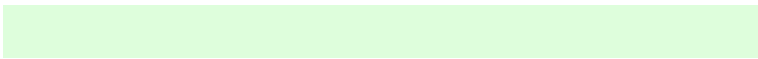
The Inverse Universe completely reimagines the original color for something new.



78.5036, 0.3242, 0.3102



75.5726, 0.3268, 0.3063



91.6290, 0.3125, 0.3644



18.1576, 0.3206, 0.3158



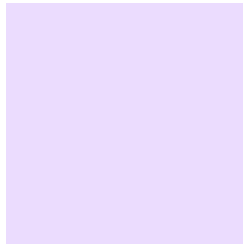
12.1740, 0.4709, 0.2368



1.2073, 0.4490, 0.2247

Previews

White Background



This preview shows how the Yxy color 76.0043, 0.3012, 0.2945 looks on a white background.

Color Contrast Check

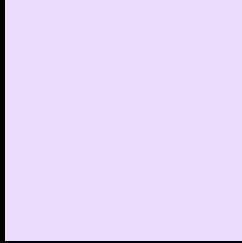
Large Text (above 18pt) WCAG AA × Fail

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 76.0043, 0.3012, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

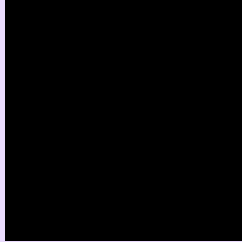
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

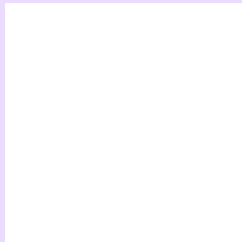
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0043, 0.3012, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 76.0043, 0.3012, 0.2945.

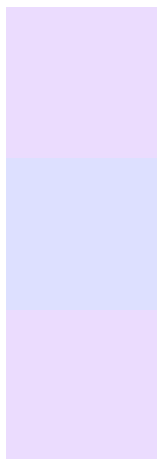


This preview shows how white text looks on a background with the Yxy color 76.0043, 0.3012, 0.2945.

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

76.0043, 0.3012, 0.2945

Protanopia

75.9035, 0.2914, 0.2968

Deuteranopia

76.0043, 0.3012, 0.2945



Tritanopia

75.8575, 0.3087, 0.3104

Trichromacy



Original Color

76.0043, 0.3012, 0.2945

Protanomaly

76.1641, 0.2946, 0.2960

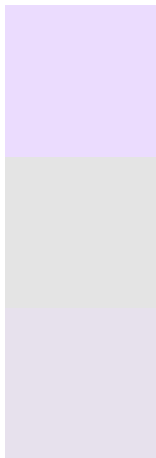
Deuteranomaly

76.0043, 0.3012, 0.2945

Tritanomaly

75.7979, 0.3062, 0.3043

Monochromacy



Original Color

76.0043, 0.3012, 0.2945

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.9538, 0.3092, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0043, 0.3012, 0.2945 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(235, 220, 254)` looks like.

```
.text, #text, p{  
    color:rgb(235, 220, 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(235, 220, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 220, 254) }
```

Border

The CSS property to change the border of an element to Yxy 76.0043, 0.3012, 0.2945 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(235, 220, 254) }
```

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

```
.border{ border-color:rgb(235, 220, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 220, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 220, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 220, 254); box-shadow:4px 4px 4px 4px rgb(235, 220, 254) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 76.0043, 0.3012, 0.2945$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 220, 254) }
```

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

```
.background{ background-color: rgb(235,  
220, 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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