

Converting Colors

$Yxy(78.5100, 0.3026, 0.3071)$

Have a look what the booklet for
Yxy(78.5100, 0.3026, 0.3071)
contains.

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Color

Yxy(78.7044, 0.3022, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	E7E3F8
RGB	231, 227, 248
RGB Percent	91%, 89%, 97%
CMY	0.0941, 0.1098, 0.0273
CMYK	0.07, 0.08, 0.00, 0.03
HSL	251°, 60%, 93%
HSV	251°, 8%, 97%
XYZ	77.3730, 78.7044, 99.9551
YIQ	230.5900, -4.3570, 7.3790

Conversions

Conversions Part 2

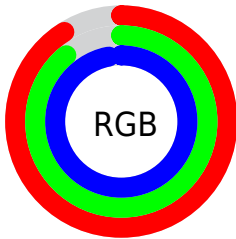
Format	Color
R _{YB}	231, 227, 248
Decimal	15197176
CIE Lab	91.10, 5.22, -9.72
CIE LCh	91, 11.034, 298.239
Yxy	78.7044, 0.3022, 0.3074
Android (android.graphics.Color)	4293387256 (0xFFE7E3F8)
YUV	230.5900, 8.5831, 0.3596
Hunter-Lab	88.7155, 0.4263, -4.7008

Details

The Yxy color **78.7044, 0.3022, 0.3074** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.9484, 0.3227, 0.3501**, and the grayscale version is **79.5319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4248, 0.2991, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **62.9497, 0.2881, 0.2792**, and if you desaturate by 10%, it is **96.8039, 0.3145, 0.3326**.

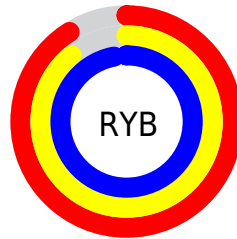
Distribution



Red (91%)

Green (89%)

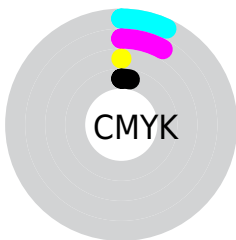
Blue (97%)



Red (91%)

Yellow (89%)

Blue (97%)

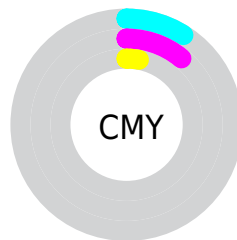


Cyan (7%)

Magenta (8%)

Yellow (0%)

Black (3%)



Cyan (9%)

Magenta (11%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.7044, 0.3022, 0.3074 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 78.7044, 0.3022, 0.3074 by changing the saturation by 10% instead.

78.7044, 0.3022,
0.3074

78.7044, 0.3022,
0.3074

490.5558, 0.3070,
0.3172

58.6528, 0.3011,
0.3052

131.5426, 0.3039,
0.3107

42.3337, 0.2998,
0.3026

165.0981, 0.3045,
0.3120

29.3627, 0.2981,
0.2993

203.9235, 0.3051,
0.3132

19.3553, 0.2958,
0.2950

248.4035, 0.3056,
0.3142

11.9273, 0.2929,
0.2893

298.9223, 0.3060,
0.3151

6.6942, 0.2886,
0.2814

355.8643, 0.3064,

3.2716, 0.2820,

0.3158

0.2695

419.6140, 0.3067,
0.3165

■ 1.2751, 0.2707,
0.2498

■ 0.1218, 0.2066,
0.1035

■ 78.7044, 0.3022,
0.3074

■ 78.7044, 0.3022,
0.3074

■ 62.9497, 0.2881,
0.2792

■ 96.8039, 0.3145,
0.3326

■ 49.4337, 0.2721,
0.2482

■ 99.5601, 0.3167,
0.3357

■ 38.0570, 0.2545,
0.2151

■ 28.7086, 0.2356,
0.1812

■ 21.2677, 0.2164,
0.1480

■ 15.6001, 0.1979,
0.1180

■ 11.5541, 0.1815,
0.0932

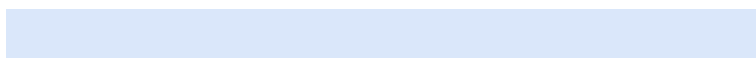
■ 8.9516, 0.1683,
0.0756

■ 7.5457, 0.1590,
0.0655

Harmonies

Analogous

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



78.7044, 0.2923, 0.3082



78.7044, 0.3022, 0.3074



78.7044, 0.3151, 0.3121

Triad

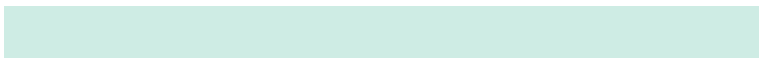
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7044, 0.3022, 0.3074



78.7044, 0.3382, 0.3427



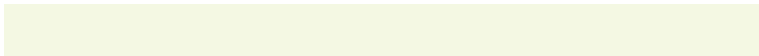
78.7044, 0.2980, 0.3371

Complementary

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



78.7044, 0.3022, 0.3074



91.9484, 0.3227, 0.3501

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.



78.7044, 0.3100, 0.3469



78.7044, 0.3022, 0.3074



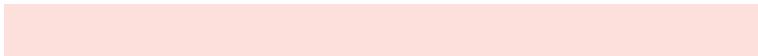
78.7044, 0.3333, 0.3499

Square

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



78.7044, 0.3022, 0.3074



78.7044, 0.3360, 0.3321



78.7044, 0.3230, 0.3516



78.7044, 0.2899, 0.3252

Rectangle

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



78.7044, 0.3022, 0.3074



78.7044, 0.3236, 0.3177



78.7044, 0.3230, 0.3516



78.7044, 0.3017, 0.3407

Sweetspot

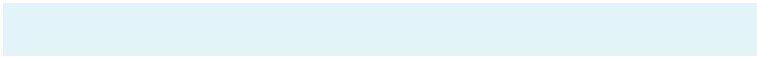
The Sweet Spot groups the original color and five complimentary colors.



78.7077, 0.3022, 0.3074



94.0598, 0.3091, 0.3216



87.9243, 0.2996, 0.3250



19.8012, 0.3082, 0.3196



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.



78.7077, 0.3022, 0.3074



81.0877, 0.3002, 0.3033



80.4860, 0.3092, 0.3079



16.8019, 0.3009, 0.3047



4.0344, 0.1589, 0.0649



0.4147, 0.1691, 0.0705

Inverse Universe

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



81.4368, 0.3163, 0.3121



84.4872, 0.3170, 0.3089



90.1436, 0.3160, 0.3505



17.4646, 0.3167, 0.3100



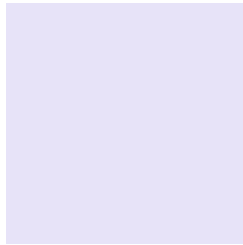
13.0738, 0.3759, 0.1844



1.2249, 0.3681, 0.1801

Previews

White Background



This preview shows how the Yxy color 78.7044, 0.3022, 0.3074 looks on a white background.

Color Contrast Check

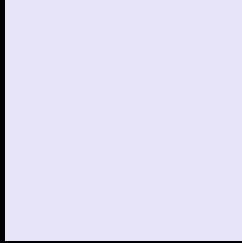
Large Text (above 18pt) WCAG AA × Fail

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 78.7044, 0.3022, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

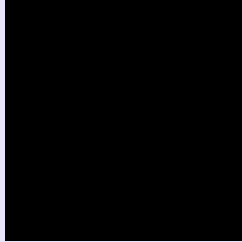
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.7044, 0.3022, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 78.7044, 0.3022, 0.3074.



This preview shows how white text looks on a background with the Yxy color 78.7044, 0.3022, 0.3074.

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

78.7044, 0.3022, 0.3074

Protanopia

78.8203, 0.2996, 0.3074

Deuteranopia

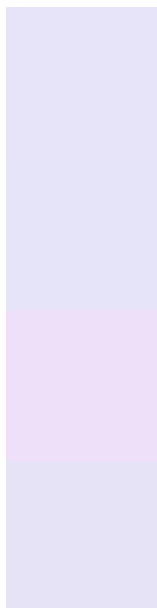
78.6696, 0.3098, 0.3029



Tritanopia

78.5197, 0.3041, 0.3105

Trichromacy



Original Color

78.7044, 0.3022, 0.3074

Protanomaly

78.9844, 0.3003, 0.3074

Deuteranomaly

78.5016, 0.3070, 0.3037

Tritanomaly

78.5809, 0.3035, 0.3095

Monochromacy



Original Color

78.7044, 0.3022, 0.3074

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.6970, 0.3090, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7044, 0.3022, 0.3074 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(231, 227, 248)` looks like.

```
.text, #text, p{  
    color:rgb(231, 227, 248)  
}
```

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(231, 227, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 227, 248) }
```

Border

The CSS property to change the border of an element to Yxy 78.7044, 0.3022, 0.3074 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(231, 227, 248) }
```

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

```
.border{ border-color:rgb(231, 227, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 227, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 227, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 227, 248);  
box-shadow:4px 4px 4px 4px rgb(231, 227,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7044, 0.3022, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 227, 248) }
```

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

```
.background{ background-color: rgb(231,  
227, 248) }
```

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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