

Converting Colors

$Yxy(78.1160, 0.2998, 0.3073)$

Have a look what the booklet for
Yxy(78.1160, 0.2998, 0.3073)
contains.

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Color

Yxy(78.0464, 0.2996, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	E3E3F8
RGB	227, 227, 248
RGB Percent	89%, 89%, 97%
CMY	0.1097, 0.1098, 0.0276
CMYK	0.08, 0.08, 0.00, 0.03
HSL	240°, 60%, 93%
HSV	240°, 8%, 97%
XYZ	76.0908, 78.0464, 99.8374
YIQ	229.3940, -6.7410, 6.5310

Conversions

Conversions Part 2

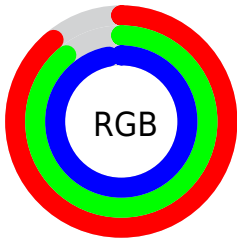
Format	Color
R _Y B	227, 227, 248
Decimal	14935032
CIE Lab	90.80, 3.92, -10.16
CIE LCh	91, 10.890, 291.085
Yxy	78.0464, 0.2996, 0.3073
Android (android.graphics.Color)	4293125112 (0xFFE3E3F8)
YUV	229.3940, 9.1728, -2.0995
Hunter-Lab	88.3439, -0.8593, -5.1629

Details

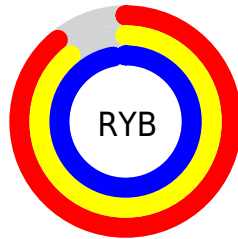
The Yxy color **78.0464, 0.2996, 0.3073** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92.6133, 0.3253, 0.3498**, and the grayscale version is **78.5973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0815, 0.2966, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **61.7031, 0.2821, 0.2784**, and if you desaturate by 10%, it is **96.9297, 0.3149, 0.3327**.

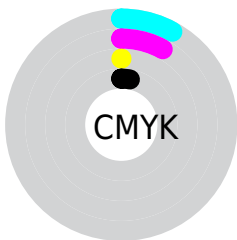
Distribution



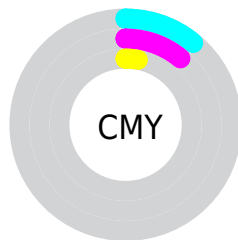
- Red (89%)
- Green (89%)
- Blue (97%)



- Red (89%)
- Yellow (89%)
- Blue (97%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.0464, 0.2996, 0.3073 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 78.0464, 0.2996, 0.3073 by changing the saturation by 10% instead.

■ 78.0464, 0.2996,
0.3073

■ 78.0464, 0.2996,
0.3073

488.3244, 0.3056,
0.3171

■ 58.1121, 0.2982,
0.3051

130.6155, 0.3017,
0.3107

■ 41.8988, 0.2966,
0.3024

164.0191, 0.3025,
0.3120

■ 29.0220, 0.2945,
0.2991

202.6813, 0.3032,
0.3131

■ 19.0975, 0.2917,
0.2947

246.9864, 0.3038,
0.3141

■ 11.7407, 0.2880,
0.2889

297.3189, 0.3043,
0.3150

■ 6.5674, 0.2828,
0.2808

354.0631, 0.3048,

■ 3.1931, 0.2747,

0.3158

0.2686

417.6035, 0.3052,
0.3165

■ 1.2333, 0.2609,
0.2483

■ 0.0887, 0.1673,
0.0825

■ 78.0464, 0.2996,
0.3073

■ 78.0464, 0.2996,
0.3073

■ 61.7031, 0.2821,
0.2784

■ 96.9297, 0.3149,
0.3327

■ 47.7823, 0.2627,
0.2462

■ 99.5556, 0.3168,
0.3357

■ 36.1716, 0.2416,
0.2114

■ 26.7462, 0.2199,
0.1754

■ 19.3695, 0.1987,
0.1405

■ 13.8892, 0.1799,
0.1094

■ 10.1322, 0.1650,
0.0847

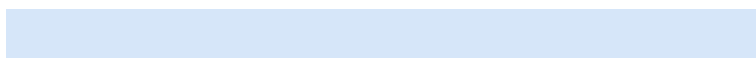
■ 7.8938, 0.1552,
0.0686

■ 6.8844, 0.1505,
0.0609

Harmonies

Analogous

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



78.0464, 0.2909, 0.3095



78.0464, 0.2996, 0.3073



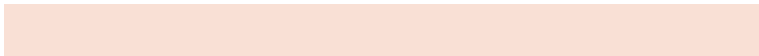
78.0464, 0.3119, 0.3107

Triad

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



78.0464, 0.2996, 0.3073



78.0464, 0.3381, 0.3403



78.0464, 0.3007, 0.3396

Complementary

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



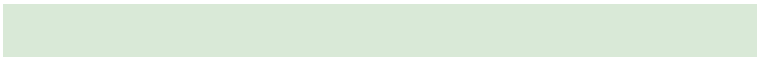
78.0464, 0.2996, 0.3073



92.6133, 0.3253, 0.3498

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.



78.0464, 0.3131, 0.3483



78.0464, 0.2996, 0.3073



78.0464, 0.3348, 0.3484

Square

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



78.0464, 0.2996, 0.3073



78.0464, 0.3343, 0.3294



78.0464, 0.3257, 0.3515



78.0464, 0.2916, 0.3280

Rectangle

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



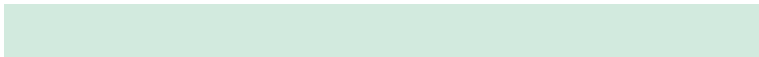
78.0464, 0.2996, 0.3073



78.0464, 0.3206, 0.3156



78.0464, 0.3257, 0.3515



78.0464, 0.3046, 0.3430

Sweetspot

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



78.0497, 0.2996, 0.3073



93.7945, 0.3082, 0.3216



90.2251, 0.2996, 0.3290



19.7299, 0.3070, 0.3195



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.



78.0497, 0.2996, 0.3073



80.2786, 0.2970, 0.3030



79.8048, 0.3066, 0.3078



16.6436, 0.2979, 0.3045



3.6618, 0.1500, 0.0600



0.3393, 0.1501, 0.0600

Inverse Universe

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



81.6667, 0.3137, 0.3083



84.7947, 0.3139, 0.3044



90.7529, 0.3184, 0.3502



17.5244, 0.3138, 0.3057



14.4367, 0.3211, 0.1542



1.3371, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 78.0464, 0.2996, 0.3073 looks on a white background.

Color Contrast Check

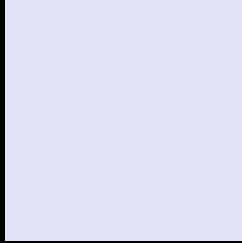
Large Text (above 18pt) WCAG AA × Fail

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 78.0464, 0.2996, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

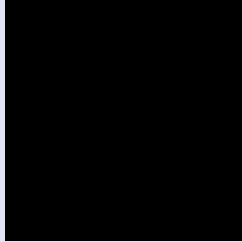
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.0464, 0.2996, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 78.0464, 0.2996, 0.3073.

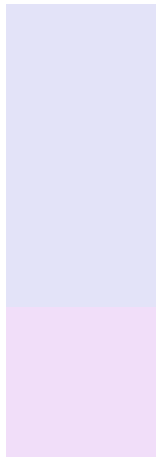


This preview shows how white text looks on a background with the Yxy color 78.0464, 0.2996, 0.3073.

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

78.0464, 0.2996, 0.3073

Protanopia

78.0464, 0.2996, 0.3073

Deuteranopia

77.7829, 0.3085, 0.3018



Tritanopia

77.8616, 0.3014, 0.3103

Trichromacy



Original Color

78.0464, 0.2996, 0.3073

Protanomaly

78.0464, 0.2996, 0.3073

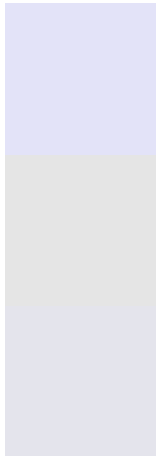
Deuteranomaly

77.9837, 0.3050, 0.3036

Tritanomaly

77.9229, 0.3008, 0.3093

Monochromacy



Original Color

78.0464, 0.2996, 0.3073

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.0369, 0.3077, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0464, 0.2996, 0.3073 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(227, 227, 248)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 227, 248) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 78.0464, 0.2996, 0.3073 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(227, 227, 248) }
```

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

```
.border{ border-color:rgb(227, 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(227, 227, 248)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to $\text{Yxy } 78.0464, 0.2996, 0.3073$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(227,  
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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