

Converting Colors

$Yxy(74.7927, 0.3078, 0.3143)$

Have a look what the booklet for
Yxy(74.7927, 0.3078, 0.3143)
contains.

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Color

Yxy(74.7927, 0.3078, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	E4DEEC
RGB	228, 222, 236
RGB Percent	89%, 87%, 93%
CMY	0.1060, 0.1293, 0.0745
CMYK	0.03, 0.06, 0.00, 0.07
HSL	266°, 27%, 90%
HSV	266°, 6%, 93%
XYZ	73.2459, 74.7927, 89.9273
YIQ	225.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

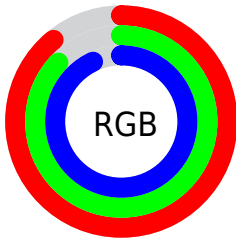
Format	Color
R _Y B	228, 222, 236
Decimal	14999276
CIE Lab	89.30, 4.55, -6.10
CIE LCh	89, 7.609, 306.687
Yxy	74.7927, 0.3078, 0.3143
Android (android.graphics.Color)	4293189356 (0xFFE4DEEC)
YUV	225.3900, 5.2307, 2.2890
Hunter-Lab	86.4828, -0.1656, -1.1135

Details

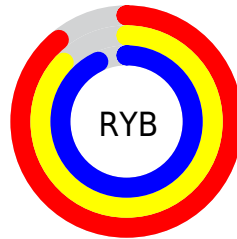
The Yxy color **74.7927, 0.3078, 0.3143** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.0943, 0.3174, 0.3436**, and the grayscale version is **75.5505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8170, 0.3072, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **60.9915, 0.2984, 0.2876**, and if you desaturate by 10%, it is **90.5291, 0.3158, 0.3386**.

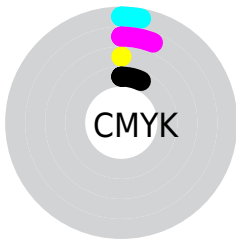
Distribution



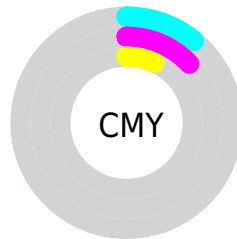
- Red (89%)
- Green (87%)
- Blue (93%)



- Red (89%)
- Yellow (87%)
- Blue (93%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7927, 0.3078, 0.3143 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 74.7927, 0.3078, 0.3143 by changing the saturation by 10% instead.

■ 74.7927, 0.3078,
0.3143

■ 74.7927, 0.3078,
0.3143

477.2048, 0.3101,
0.3210

■ 55.4431, 0.3073,
0.3128

126.0189, 0.3086,
0.3166

■ 39.7566, 0.3066,
0.3109

158.6642, 0.3089,
0.3175

■ 27.3488, 0.3058,
0.3086

196.5103, 0.3092,
0.3183

■ 17.8354, 0.3047,
0.3055

239.9414, 0.3094,
0.3190

■ 10.8318, 0.3032,
0.3014

289.3420, 0.3096,
0.3196

■ 5.9539, 0.3010,
0.2956

345.0965, 0.3098,

■ 2.8171, 0.2976,

0.3201

0.2867

407.5893, 0.3099,
0.3206

■ 1.0370, 0.2914,
0.2712

■ 0.0000, 0.0974,
0.0000

■ 74.7927, 0.3078,
0.3143

■ 74.7927, 0.3078,
0.3143

■ 60.9915, 0.2984,
0.2876

■ 90.5291, 0.3158,
0.3386

■ 49.0393, 0.2875,
0.2588

■ 98.8358, 0.3238,
0.3473

■ 38.8578, 0.2752,
0.2285

■ 30.3590, 0.2616,
0.1976

■ 23.4475, 0.2470,
0.1673

■ 18.0176, 0.2320,
0.1394

■ 13.9506, 0.2173,
0.1154

■ 11.1082, 0.2036,
0.0968

■ 9.3203, 0.1915,
0.0843

Harmonies

Analogous

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



74.7927, 0.3000, 0.3138



74.7927, 0.3078, 0.3143



74.7927, 0.3170, 0.3186

Triad

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



74.7927, 0.3078, 0.3143



74.7927, 0.3301, 0.3404



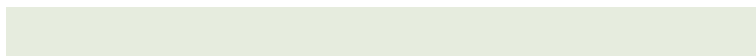
74.7927, 0.3004, 0.3324

Complementary

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



74.7927, 0.3078, 0.3143



82.0943, 0.3174, 0.3436

Split Complementary

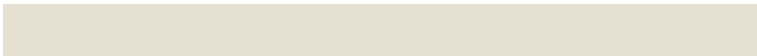
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7927, 0.3083, 0.3398



74.7927, 0.3078, 0.3143



74.7927, 0.3255, 0.3444

Square

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



74.7927, 0.3078, 0.3143



74.7927, 0.3300, 0.3335



74.7927, 0.3175, 0.3442



74.7927, 0.2958, 0.3241

Rectangle

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



74.7927, 0.3078, 0.3143



74.7927, 0.3227, 0.3230



74.7927, 0.3175, 0.3442



74.7927, 0.3027, 0.3351

Sweetspot

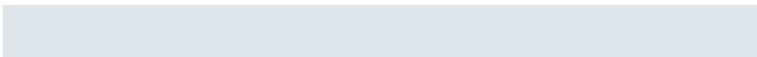
The Sweet Spot groups the original color and five complimentary colors.



74.7959, 0.3078, 0.3143



96.2373, 0.3111, 0.3241



78.2774, 0.3036, 0.3228



20.6382, 0.3112, 0.3244



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.



74.7959, 0.3078, 0.3143



87.2407, 0.3068, 0.3115



75.9416, 0.3126, 0.3145



15.4374, 0.3063, 0.3101



4.9147, 0.1888, 0.0814



0.4415, 0.2043, 0.0899

Inverse Universe

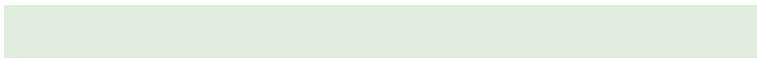
The Inverse Universe completely reimagines the original color for something new.



75.8007, 0.3173, 0.3207



88.6561, 0.3182, 0.3191



80.9797, 0.3128, 0.3438



15.7094, 0.3187, 0.3183



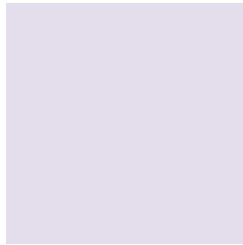
10.8309, 0.4641, 0.2331



0.8697, 0.4388, 0.2191

Previews

White Background



This preview shows how the Yxy color 74.7927, 0.3078, 0.3143 looks on a white background.

Color Contrast Check

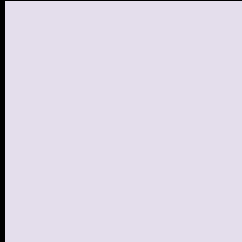
Large Text (above 18pt) WCAG AA × Fail

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 74.7927, 0.3078, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

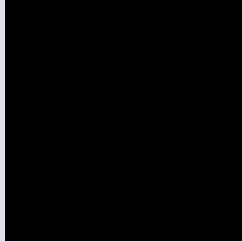
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

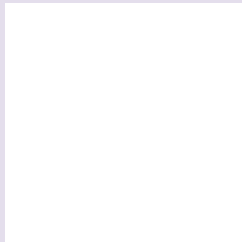
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7927, 0.3078, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 74.7927, 0.3078, 0.3143.

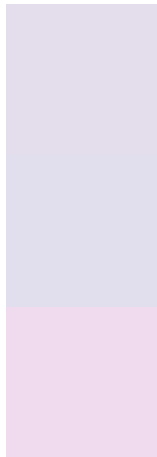


This preview shows how white text looks on a background with the Yxy color 74.7927, 0.3078, 0.3143.

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

74.7927, 0.3078, 0.3143

Protanopia

74.8973, 0.3051, 0.3142

Deuteranopia

74.7825, 0.3158, 0.3095



Tritanopia

74.9685, 0.3059, 0.3112

Trichromacy



Original Color

74.7927, 0.3078, 0.3143

Protanomaly

75.0585, 0.3058, 0.3142

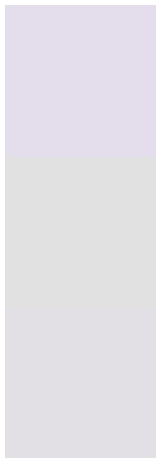
Deuteranomaly

74.6103, 0.3129, 0.3104

Tritanomaly

74.9096, 0.3065, 0.3122

Monochromacy



Original Color

74.7927, 0.3078, 0.3143

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1372, 0.3109, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7927, 0.3078, 0.3143 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(228, 222, 236)` looks like.

```
.text, #text, p{  
    color:rgb(228, 222, 236)  
}
```

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(228, 222, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 222, 236) }
```

Border

The CSS property to change the border of an element to Yxy 74.7927, 0.3078, 0.3143 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(228, 222, 236) }
```

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

```
.border{ border-color:rgb(228, 222, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 222, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 222, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 222, 236);  
box-shadow:4px 4px 4px 4px rgb(228, 222,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7927, 0.3078, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 222, 236) }
```

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

```
.background{ background-color: rgb(228,  
222, 236) }
```

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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