

Converting Colors

$Yxy(78.7193, 0.3061, 0.3045)$

Have a look what the booklet for
Yxy(78.7193, 0.3061, 0.3045)
contains.

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Color

Yxy(78.8671, 0.3063, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	EEE1F9
RGB	238, 225, 249
RGB Percent	93%, 88%, 98%
CMY	0.0668, 0.1176, 0.0234
CMYK	0.04, 0.10, 0.00, 0.02
HSL	272°, 67%, 93%
HSV	272°, 10%, 98%
XYZ	79.2812, 78.8671, 100.6869
YIQ	231.6230, 0.0440, 10.2200

Conversions

Conversions Part 2

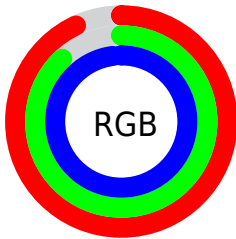
Format	Color
R _Y B	238, 225, 249
Decimal	15655417
CIE Lab	91.17, 8.71, -10.07
CIE LCh	91, 13.312, 310.865
Yxy	78.8671, 0.3063, 0.3047
Android (android.graphics.Color)	4293845497 (0xFFEEE1F9)
YUV	231.6230, 8.5669, 5.5926
Hunter-Lab	88.8072, 3.9407, -5.0562

Details

The Yxy color **78.8671, 0.3063, 0.3047** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.0470, 0.3186, 0.3534**, and the grayscale version is **80.3354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5448, 0.3044, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **64.4530, 0.2985, 0.2776**, and if you desaturate by 10%, it is **95.3777, 0.3129, 0.3299**.

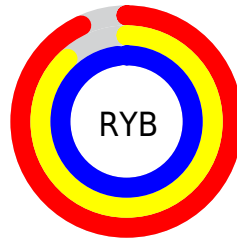
Distribution



Red (93%)

Green (88%)

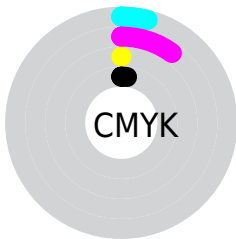
Blue (98%)



Red (93%)

Yellow (88%)

Blue (98%)

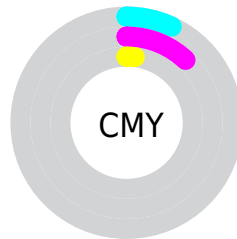


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (7%)


Magenta (12%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.8671, 0.3063, 0.3047 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 78.8671, 0.3063, 0.3047 by changing the saturation by 10% instead.

 78.8671, 0.3063,
0.3047

 78.8671, 0.3063,
0.3047

491.1066, 0.3093,
0.3156

 58.7865, 0.3056,
0.3023


131.7717, 0.3073,
0.3084

 42.4413, 0.3048,
0.2993

165.3646, 0.3077,
0.3099

 29.4470, 0.3037,
0.2957


204.2304, 0.3081,
0.3112

 19.4192, 0.3023,
0.2910

248.7535, 0.3084,
0.3123

 11.9736, 0.3003,
0.2847

299.3183, 0.3087,
0.3133

 6.7257, 0.2975,
0.2760

356.3091, 0.3089,

 3.2912, 0.2931,

0.3141

0.2631

420.1104, 0.3091,
0.3149

■ 1.2856, 0.2853,
0.2421

■ 0.1300, 0.2563,
0.0991

■ 78.8671, 0.3063,
0.3047

■ 78.8671, 0.3063,
0.3047

■ 64.4530, 0.2985,
0.2776

■ 95.3777, 0.3129,
0.3299

■ 52.0383, 0.2895,
0.2489

■ 99.6212, 0.3162,
0.3347

■ 41.5331, 0.2793,
0.2194

■ 32.8368, 0.2680,
0.1902

■ 25.8389, 0.2559,
0.1625

■ 20.4166, 0.2435,
0.1378

■ 16.4299, 0.2312,
0.1175

■ 13.7125, 0.2195,
0.1025

■ 12.0014, 0.2090,
0.0926

Harmonies

Analogous

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



78.8671, 0.2925, 0.3028



78.8671, 0.3063, 0.3047



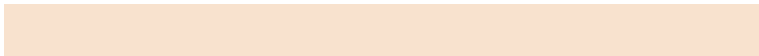
78.8671, 0.3221, 0.3127

Triad

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



78.8671, 0.3063, 0.3047



78.8671, 0.3420, 0.3498



78.8671, 0.2901, 0.3327

Complementary

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



78.8671, 0.3063, 0.3047



91.0470, 0.3186, 0.3534

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.



78.8671, 0.3029, 0.3462



78.8671, 0.3063, 0.3047



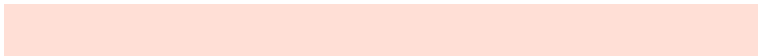
78.8671, 0.3329, 0.3560

Square

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



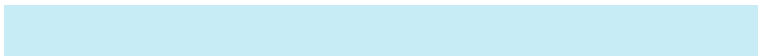
78.8671, 0.3063, 0.3047



78.8671, 0.3430, 0.3383



78.8671, 0.3186, 0.3548



78.8671, 0.2833, 0.3185

Rectangle

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



78.8671, 0.3063, 0.3047



78.8671, 0.3317, 0.3205



78.8671, 0.3186, 0.3548



78.8671, 0.2938, 0.3375

Sweetspot

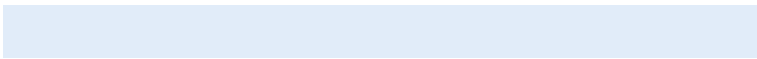
The Sweet Spot groups the original color and five complimentary colors.



78.8705, 0.3063, 0.3047



94.5545, 0.3108, 0.3216



82.9666, 0.2977, 0.3158



19.9345, 0.3103, 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.



78.8705, 0.3063, 0.3047



79.4339, 0.3046, 0.2984



80.7917, 0.3143, 0.3060



17.1047, 0.3064, 0.3051



6.4799, 0.2102, 0.0932



0.6632, 0.2226, 0.1000

Inverse Universe

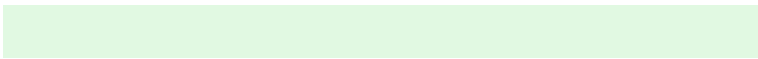
The Inverse Universe completely reimagines the original color for something new.



80.0599, 0.3223, 0.3180



80.9877, 0.3250, 0.3152



89.2572, 0.3111, 0.3531



17.3581, 0.3221, 0.3181



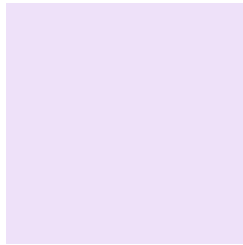
11.4654, 0.5132, 0.2601



1.0830, 0.4844, 0.2442

Previews

White Background



This preview shows how the Yxy color 78.8671, 0.3063, 0.3047 looks on a white background.

Color Contrast Check

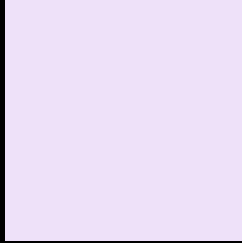
Large Text (above 18pt) WCAG AA × Fail

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 78.8671, 0.3063, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

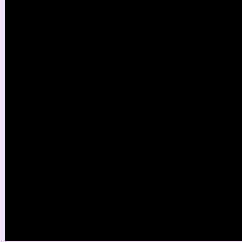
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

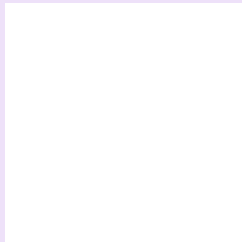
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.8671, 0.3063, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 78.8671, 0.3063, 0.3047.

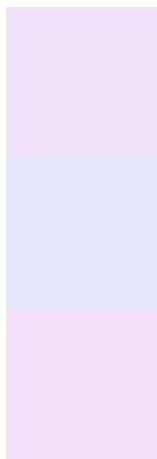


This preview shows how white text looks on a background with the Yxy color 78.8671, 0.3063, 0.3047.

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

78.8671, 0.3063, 0.3047

Protanopia

78.9458, 0.2984, 0.3054

Deuteranopia

78.6696, 0.3098, 0.3029



Tritanopia

78.9289, 0.3088, 0.3107

Trichromacy



Original Color

78.8671, 0.3063, 0.3047

Protanomaly

78.9961, 0.3017, 0.3055

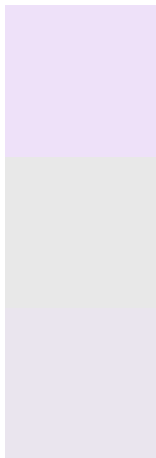
Deuteranomaly

78.8516, 0.3084, 0.3039

Tritanomaly

79.0511, 0.3075, 0.3087

Monochromacy



Original Color

78.8671, 0.3063, 0.3047

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.7041, 0.3104, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8671, 0.3063, 0.3047 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(238, 225, 249)` looks like.

```
.text, #text, p{  
    color:rgb(238, 225, 249)  
}
```

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(238, 225, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 225, 249) }
```

Border

The CSS property to change the border of an element to Yxy 78.8671, 0.3063, 0.3047 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(238, 225, 249) }
```

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

```
.border{ border-color:rgb(238, 225, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 225, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 225, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 225, 249);  
box-shadow:4px 4px 4px 4px rgb(238, 225,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8671, 0.3063, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 225, 249) }
```

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

```
.background{ background-color: rgb(238,  
225, 249) }
```

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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