

Converting Colors

$Y_{xy}(78.3277, 0.3035, 0.3078)$

Have a look what the booklet for
Yxy(78.3277, 0.3035, 0.3078)
contains.

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Color

Yxy(78.2639, 0.3035, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	E8E2F7
RGB	232, 226, 247
RGB Percent	91%, 89%, 97%
CMY	0.0904, 0.1136, 0.0315
CMYK	0.06, 0.08, 0.00, 0.03
HSL	257°, 57%, 93%
HSV	257°, 8%, 97%
XYZ	77.2458, 78.2639, 99.0070
YIQ	230.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

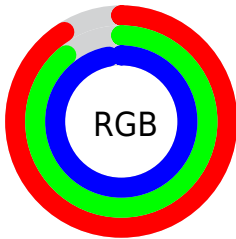
Format	Color
R _Y B	232, 226, 247
Decimal	15262455
CIE Lab	90.90, 5.83, -9.45
CIE LCh	91, 11.102, 301.662
Yxy	78.2639, 0.3035, 0.3075
Android (android.graphics.Color)	4293452535 (0xFFE8E2F7)
YUV	230.1880, 8.2883, 1.5891
Hunter-Lab	88.4669, 1.0422, -4.4271

Details

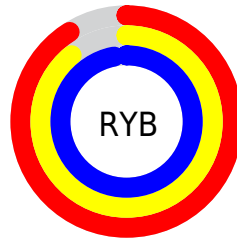
The Yxy color `78.2639, 0.3035, 0.3075` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90.7074, 0.3214, 0.3501`, and the grayscale version is `79.2121, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `42.1175, 0.3008, 0.3026` is the 20% darker color. If you saturate the color by 10%, you get `62.9704, 0.2911, 0.2796`, and if you desaturate by 10%, it is `95.7976, 0.3142, 0.3326`.

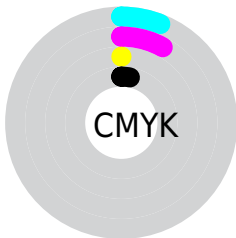
Distribution



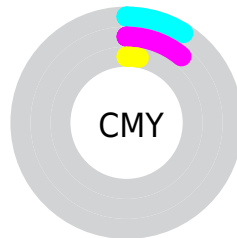
- Red (91%)
- Green (89%)
- Blue (97%)



- Red (91%)
- Yellow (89%)
- Blue (97%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)





- Cyan (9%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.2639, 0.3035, 0.3075 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 78.2639, 0.3035, 0.3075 by changing the saturation by 10% instead.

 78.2639, 0.3035,
0.3075

 78.2639, 0.3035,
0.3075


489.0626, 0.3078,
0.3172

 58.2908, 0.3025,
0.3053


130.9221, 0.3050,
0.3108

 42.0425, 0.3013,
0.3027


164.3759, 0.3055,
0.3121

 29.1345, 0.2998,
0.2994


203.0921, 0.3060,
0.3133

 19.1826, 0.2979,
0.2951

247.4551, 0.3065,
0.3142

 11.8023, 0.2952,
0.2895

297.8493, 0.3068,
0.3151

 6.6092, 0.2914,
0.2815

354.6590, 0.3072,

 3.2189, 0.2855,

0.3159

0.2697

418.2686, 0.3075,
0.3166

■ 1.2471, 0.2753,
0.2500

■ 0.0997, 0.2143,
0.0901

■ 78.2639, 0.3035,
0.3075

■ 78.2639, 0.3035,
0.3075

■ 62.9704, 0.2911,
0.2796

■ 95.7976, 0.3142,
0.3326

■ 49.8161, 0.2769,
0.2493

■ 99.4937, 0.3174,
0.3367

■ 38.7068, 0.2611,
0.2172

■ 29.5373, 0.2441,
0.1843

■ 22.1931, 0.2263,
0.1523

■ 16.5470, 0.2089,
0.1232

■ 12.4550, 0.1927,
0.0990

■ 9.7483, 0.1788,
0.0813

■ 8.1905, 0.1680,
0.0705

Harmonies

Analogous

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



78.2639, 0.2931, 0.3077



78.2639, 0.3035, 0.3075



78.2639, 0.3166, 0.3128

Triad

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



78.2639, 0.3035, 0.3075



78.2639, 0.3382, 0.3439



78.2639, 0.2967, 0.3358

Complementary

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



78.2639, 0.3035, 0.3075



90.7074, 0.3214, 0.3501

Split Complementary

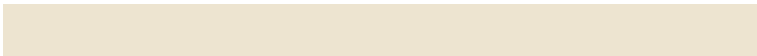
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.2639, 0.3085, 0.3461



78.2639, 0.3035, 0.3075



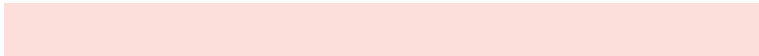
78.2639, 0.3325, 0.3506

Square

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



78.2639, 0.3035, 0.3075



78.2639, 0.3368, 0.3335



78.2639, 0.3216, 0.3515



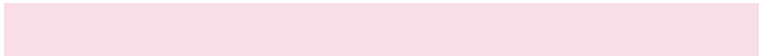
78.2639, 0.2892, 0.3238

Rectangle

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



78.2639, 0.3035, 0.3075



78.2639, 0.3251, 0.3187



78.2639, 0.3216, 0.3515



78.2639, 0.3002, 0.3396

Sweetspot

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



78.2672, 0.3035, 0.3075



94.1896, 0.3096, 0.3216



86.0265, 0.2996, 0.3233



19.8361, 0.3087, 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.



78.2672, 0.3035, 0.3075



81.4892, 0.3017, 0.3034



80.0131, 0.3104, 0.3080



16.1533, 0.3023, 0.3048



4.2972, 0.1680, 0.0699



0.4274, 0.1808, 0.0770

Inverse Universe

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



80.5305, 0.3175, 0.3140



84.3404, 0.3185, 0.3112



88.9715, 0.3148, 0.3505



16.6838, 0.3181, 0.3122



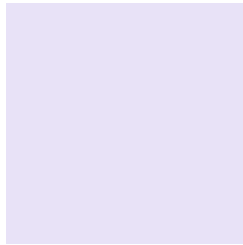
12.1670, 0.4081, 0.2022



1.0869, 0.3946, 0.1947

Previews

White Background



This preview shows how the Yxy color 78.2639, 0.3035, 0.3075 looks on a white background.

Color Contrast Check

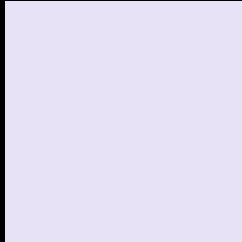
Large Text (above 18pt) WCAG AA × Fail

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 78.2639, 0.3035, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

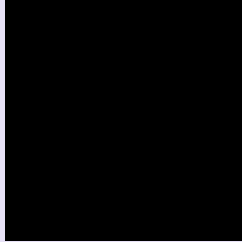
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.2639, 0.3035, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 78.2639, 0.3035, 0.3075.



This preview shows how white text looks on a background with the Yxy color 78.2639, 0.3035, 0.3075.

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

78.2639, 0.3035, 0.3075

Protanopia

78.0464, 0.2996, 0.3073

Deuteranopia

77.8971, 0.3098, 0.3028



Tritanopia

78.0802, 0.3054, 0.3105

Trichromacy



Original Color

78.2639, 0.3035, 0.3075

Protanomaly

78.3735, 0.3009, 0.3074

Deuteranomaly

77.7298, 0.3070, 0.3036

Tritanomaly

78.1411, 0.3048, 0.3095

Monochromacy



Original Color

78.2639, 0.3035, 0.3075

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.0837, 0.3097, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2639, 0.3035, 0.3075 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(232, 226, 247)` looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 247)  
}
```

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(232, 226, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 247) }
```

Border

The CSS property to change the border of an element to Yxy 78.2639, 0.3035, 0.3075 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(232, 226, 247) }
```

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

```
.border{ border-color:rgb(232, 226, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 247);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2639, 0.3035, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 247) }
```

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

```
.background{ background-color: rgb(232,  
226, 247) }
```

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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