

Converting Colors

$Y_{xy}(75.1147, 0.3119, 0.3175)$

Have a look what the booklet for
Yxy(75.1147, 0.3119, 0.3175)
contains.

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Color

Yxy(75.1147, 0.3119, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	E7DEE9
RGB	231, 222, 233
RGB Percent	91%, 87%, 91%
CMY	0.0940, 0.1294, 0.0864
CMYK	0.01, 0.05, 0.00, 0.09
HSL	289°, 20%, 89%
HSV	289°, 5%, 91%
XYZ	73.7898, 75.1147, 87.6772
YIQ	225.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

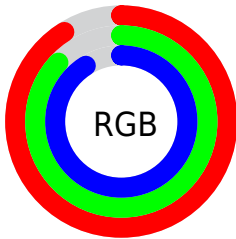
Format	Color
R_{YB}	231, 222, 233
Decimal	15195881
CIE Lab	89.45, 5.03, -4.26
CIE LCh	89, 6.592, 319.702
Yxy	75.1147, 0.3119, 0.3175
Android (android.graphics.Color)	4293385961 (0xFFE7DEE9)
YUV	225.9450, 3.4781, 4.4332
Hunter-Lab	86.6687, 0.3048, 0.6882

Details

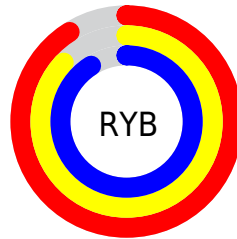
The Yxy color **75.1147, 0.3119, 0.3175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.3708, 0.3135, 0.3407**, and the grayscale version is **75.9892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9257, 0.3115, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **62.9114, 0.3098, 0.2922**, and if you desaturate by 10%, it is **89.0503, 0.3135, 0.3415**.

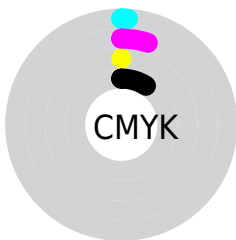
Distribution



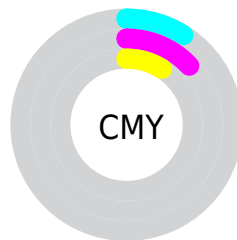
- Red (91%)
- Green (87%)
- Blue (91%)



- Red (91%)
- Yellow (87%)
- Blue (91%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1147, 0.3119, 0.3175 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 75.1147, 0.3119, 0.3175 by changing the saturation by 10% instead.

 75.1147, 0.3119,
0.3175

 75.1147, 0.3119,
0.3175


478.3117, 0.3123,
0.3228

 55.7069, 0.3118,
0.3163


126.4747, 0.3120,
0.3193

 39.9679, 0.3117,
0.3149


159.1957, 0.3121,
0.3200

 27.5136, 0.3115,
0.3130


197.1231, 0.3121,
0.3206

 17.9593, 0.3113,
0.3106

240.6415, 0.3122,
0.3212

 10.9208, 0.3110,
0.3074

290.1351, 0.3122,
0.3216

 6.0136, 0.3106,
0.3029

345.9884, 0.3122,

 2.8533, 0.3099,

0.3221

0.2958

408.5858, 0.3123,
0.3224

■ 1.0557, 0.3084,
0.2837

■ 0.0000, 0.2180,
0.0000

■ 75.1147, 0.3119,
0.3175

■ 75.1147, 0.3119,
0.3175

■ 62.9114, 0.3098,
0.2922

■ 89.0503, 0.3135,
0.3415

■ 52.3610, 0.3073,
0.2660

■ 95.7939, 0.3156,
0.3510

■ 43.3920, 0.3043,
0.2397

■ 96.5166, 0.3182,
0.3508

■ 35.9243, 0.3008,
0.2142

■ 97.2556, 0.3208,
0.3506

■ 29.8702, 0.2968,
0.1905

■ 98.0110, 0.3234,
0.3504

■ 25.1334, 0.2925,
0.1697

■ 98.6615, 0.3256,
0.3503

■ 21.6050, 0.2879,
0.1528

■ 19.1588, 0.2832,
0.1403

■ 17.6403, 0.2785,
0.1324

Harmonies

Analogous

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



75.1147, 0.3044, 0.3156



75.1147, 0.3119, 0.3175



75.1147, 0.3197, 0.3224

Triad

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



75.1147, 0.3119, 0.3175



75.1147, 0.3264, 0.3408



75.1147, 0.2999, 0.3288

Complementary

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



75.1147, 0.3119, 0.3175



79.3708, 0.3135, 0.3407

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.



75.1147, 0.3057, 0.3358



75.1147, 0.3119, 0.3175



75.1147, 0.3210, 0.3427

Square

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



75.1147, 0.3119, 0.3175



75.1147, 0.3282, 0.3357



75.1147, 0.3134, 0.3409



75.1147, 0.2975, 0.3220

Rectangle

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



75.1147, 0.3119, 0.3175



75.1147, 0.3240, 0.3267



75.1147, 0.3134, 0.3409



75.1147, 0.3015, 0.3312

Sweetspot

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



75.1179, 0.3119, 0.3175



98.2988, 0.3125, 0.3266



74.7267, 0.3056, 0.3194



21.0579, 0.3126, 0.3267



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.



75.1179, 0.3119, 0.3175



90.1166, 0.3117, 0.3142



75.2445, 0.3155, 0.3212



15.9508, 0.3115, 0.3127



9.7455, 0.2768, 0.1299



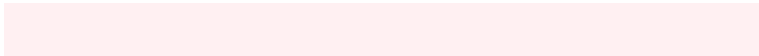
0.8004, 0.2833, 0.1334

Inverse Universe

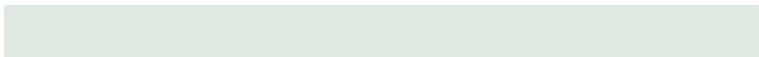
The Inverse Universe completely reimagines the original color for something new.



74.9375, 0.3192, 0.3270



89.8381, 0.3212, 0.3264



79.2524, 0.3100, 0.3370



15.8965, 0.3221, 0.3261



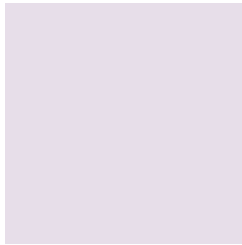
9.9333, 0.6132, 0.3152



0.7925, 0.5772, 0.2953

Previews

White Background



This preview shows how the Yxy color 75.1147, 0.3119, 0.3175 looks on a white background.

Color Contrast Check

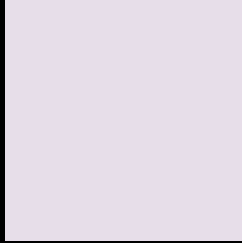
Large Text (above 18pt) WCAG AA × Fail

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 75.1147, 0.3119, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

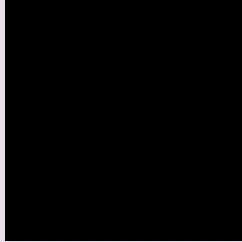
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

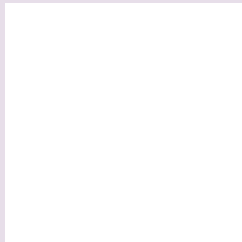
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1147, 0.3119, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 75.1147, 0.3119, 0.3175.

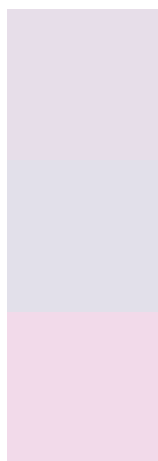


This preview shows how white text looks on a background with the Yxy color 75.1147, 0.3119, 0.3175.

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

75.1147, 0.3119, 0.3175

Protanopia

75.4206, 0.3077, 0.3184

Deuteranopia

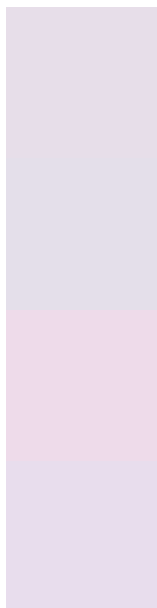
74.9606, 0.3192, 0.3126



Tritanopia

75.1007, 0.3087, 0.3103

Trichromacy



Original Color

75.1147, 0.3119, 0.3175

Protanomaly

75.2098, 0.3091, 0.3174

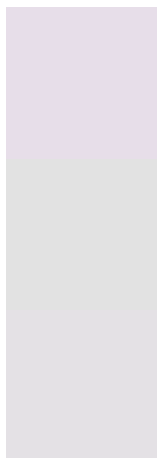
Deuteranomaly

74.7807, 0.3163, 0.3135

Tritanomaly

74.9831, 0.3100, 0.3123

Monochromacy



Original Color

75.1147, 0.3119, 0.3175

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0016, 0.3122, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1147, 0.3119, 0.3175 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, 222, 233)` looks like.

```
.text, #text, p{  
    color:rgb(231, 222, 233)  
}
```

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, 222, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 222, 233) }
```

Border

The CSS property to change the border of an element to Yxy 75.1147, 0.3119, 0.3175 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, 222, 233) }
```

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

```
.border{ border-color:rgb(231, 222, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 222, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 222, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 222, 233);  
box-shadow:4px 4px 4px 4px rgb(231, 222,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1147, 0.3119, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 222, 233) }
```

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

```
.background{ background-color: rgb(231,  
222, 233) }
```

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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