

Converting Colors

Yxy(69.5735, 0.3199, 0.3173)

Have a look what the booklet for
Yxy(69.5735, 0.3199, 0.3173)
contains.

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Color

Yxy(69.5705, 0.3199, 0.3173)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E8D4DF |
| RGB | 232, 212, 223 |
| RGB Percent | 91%, 83%, 87% |
| CMY | 0.0902, 0.1686, 0.1255 |
| CMYK | 0.00, 0.09, 0.04, 0.09 |
| HSL | 327°, 30%, 87% |
| HSV | 327°, 9%, 91% |
| XYZ | 70.1406, 69.5705, 79.5467 |
| YIQ | 219.2340, 8.3890, 7.6610 |

Conversions

Conversions Part 2

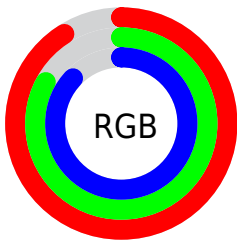
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 232, 212, 223 |
| Decimal | 15258847 |
| CIE Lab | 86.79, 8.79, -2.91 |
| CIE LCh | 87, 9.263, 341.675 |
| Yxy | 69.5705, 0.3199, 0.3173 |
| Android (android.graphics.Color) | 4293448927 (0xFFE8D4DF) |
| YUV | 219.2340, 1.8566, 11.1958 |
| Hunter-Lab | 83.4089, 4.1393, 1.8416 |

Details

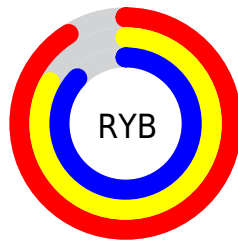
The Yxy color **69.5705, 0.3199, 0.3173** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.9291, 0.3061, 0.3410**, and the grayscale version is **70.9934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1712, 0.3212, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **58.2498, 0.3298, 0.3031**, and if you desaturate by 10%, it is **82.5984, 0.3117, 0.3308**.

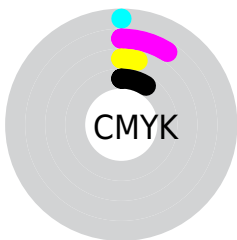
Distribution



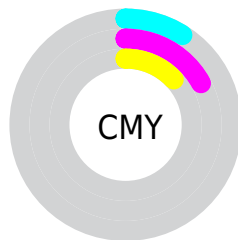
- Red (91%)
- Green (83%)
- Blue (87%)



- Red (91%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (9%)




- Cyan (9%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5705, 0.3199, 0.3173 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 69.5705, 0.3199, 0.3173 by changing the saturation by 10% instead.


 69.5705, 0.3199,
0.3173

 69.5705, 0.3199,
0.3173


459.0405, 0.3166,
0.3227

 51.1765, 0.3207,
0.3161

118.5961, 0.3187,
0.3192

 36.3491, 0.3216,
0.3145

149.9964, 0.3183,
0.3199

 24.7039, 0.3228,
0.3126


186.5009, 0.3179,
0.3205

 15.8566, 0.3244,
0.3101

228.4940, 0.3176,
0.3211

 9.4227, 0.3265,
0.3066

276.3601, 0.3173,
0.3216

 5.0179, 0.3296,
0.3016

330.4837, 0.3170,

 2.2578, 0.3345,

0.3220

0.2937

391.2490, 0.3168,
0.3224

0.7512, 0.3444,
0.2777

0.0000, 0.0000,
0.0000

69.5705, 0.3199,
0.3173

69.5705, 0.3199,
0.3173

58.2498, 0.3298,
0.3031

82.5984, 0.3117,
0.3308

48.5559, 0.3416,
0.2884

95.1990, 0.3049,
0.3401

40.4154, 0.3555,
0.2737

95.8505, 0.2991,
0.3296

33.7457, 0.3717,
0.2599

95.8951, 0.2987,
0.3290

■ 28.4565, 0.3901,
0.2478

■ 24.4473, 0.4103,
0.2387

■ 21.6041, 0.4318,
0.2338

■ 19.7919, 0.4535,
0.2340

■ 18.8124, 0.4745,
0.2395

Harmonies

Analogous

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



69.5705, 0.3084, 0.3113



69.5705, 0.3199, 0.3173



69.5705, 0.3296, 0.3263

Triad

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



69.5705, 0.3199, 0.3173



69.5705, 0.3272, 0.3486



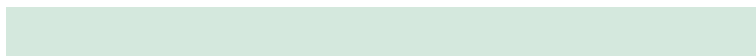
69.5705, 0.2912, 0.3212

Complementary

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



69.5705, 0.3199, 0.3173



76.9291, 0.3061, 0.3410

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.



69.5705, 0.2961, 0.3315



69.5705, 0.3199, 0.3173



69.5705, 0.3167, 0.3475

Square

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



69.5705, 0.3199, 0.3173



69.5705, 0.3338, 0.3444



69.5705, 0.3054, 0.3412



69.5705, 0.2920, 0.3134

Rectangle

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



69.5705, 0.3199, 0.3173



69.5705, 0.3336, 0.3329



69.5705, 0.3054, 0.3412



69.5705, 0.2923, 0.3245

Sweetspot

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



69.5735, 0.3199, 0.3173



94.9962, 0.3151, 0.3250



68.2366, 0.3055, 0.3074



20.0540, 0.3158, 0.3239



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.



69.5735, 0.3199, 0.3173



84.0790, 0.3212, 0.3153



69.0669, 0.3267, 0.3276



14.5001, 0.3207, 0.3161



10.4102, 0.4742, 0.2386



0.7879, 0.4457, 0.2229

Inverse Universe

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



69.5735, 0.3199, 0.3173



84.0790, 0.3212, 0.3153



77.4593, 0.3002, 0.3304



14.5001, 0.3207, 0.3161



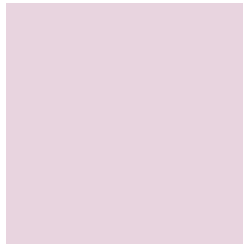
10.4102, 0.4742, 0.2386



0.7879, 0.4457, 0.2229

Previews

White Background



This preview shows how the Yxy color 69.5705, 0.3199, 0.3173 looks on a white background.

Color Contrast Check

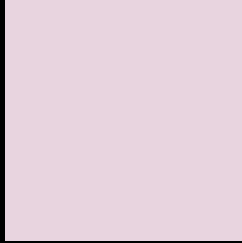
Large Text (above 18pt) WCAG AA × Fail

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 69.5705, 0.3199, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

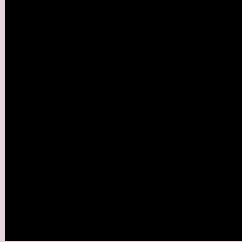
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

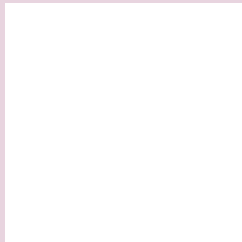
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5705, 0.3199, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 69.5705, 0.3199, 0.3173.

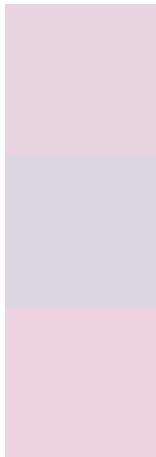


This preview shows how white text looks on a background with the Yxy color 69.5705, 0.3199, 0.3173.

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

69.5705, 0.3199, 0.3173

Protanopia

69.6080, 0.3089, 0.3192

Deuteranopia

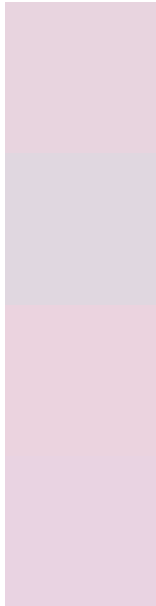
69.7491, 0.3230, 0.3164



Tritanopia

69.5136, 0.3172, 0.3110

Trichromacy



Original Color

69.5705, 0.3199, 0.3173

Protanomaly

69.8300, 0.3132, 0.3193

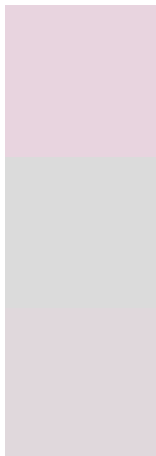
Deuteranomaly

69.5784, 0.3222, 0.3163

Tritanomaly

69.4032, 0.3186, 0.3131

Monochromacy



Original Color

69.5705, 0.3199, 0.3173

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.1263, 0.3158, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5705, 0.3199, 0.3173 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, 212, 223)` looks like.

```
.text, #text, p{  
    color:rgb(232, 212, 223)  
}
```

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, 212, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 212, 223) }
```

Border

The CSS property to change the border of an element to Yxy 69.5705, 0.3199, 0.3173 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, 212, 223) }
```

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

```
.border{ border-color:rgb(232, 212, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 212, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 212, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 212, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 212,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5705, 0.3199, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 212, 223) }
```

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

```
.background{ background-color: rgb(232,  
212, 223) }
```

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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