

Converting Colors

$Y_{xy}(67.8255, 0.3171, 0.3215)$

Have a look what the booklet for
Yxy(67.8255, 0.3171, 0.3215)
contains.

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Color

Yxy(68.0487, 0.3168, 0.3214)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E0D4DB |
| RGB | 224, 212, 219 |
| RGB Percent | 88%, 83%, 86% |
| CMY | 0.1214, 0.1686, 0.1413 |
| CMYK | 0.00, 0.05, 0.02, 0.12 |
| HSL | 325°, 16%, 85% |
| HSV | 325°, 5%, 88% |
| XYZ | 67.0748, 68.0487, 76.6024 |
| YIQ | 216.3860, 4.9050, 4.7210 |

Conversions

Conversions Part 2

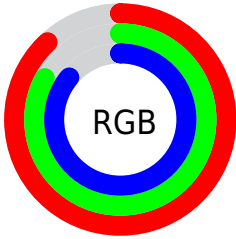
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 224, 212, 219 |
| Decimal | 14734555 |
| CIE Lab | 86.03, 5.37, -1.96 |
| CIE LCh | 86, 5.714, 339.901 |
| Yxy | 68.0487, 0.3168, 0.3214 |
| Android (android.graphics.Color) | 4292924635 (0xFFE0D4DB) |
| YUV | 216.3860, 1.2887, 6.6775 |
| Hunter-Lab | 82.4916, 0.7797, 2.6870 |

Details

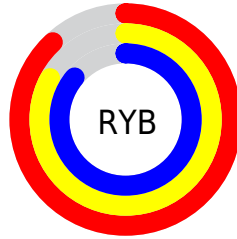
The Yxy color **68.0487, 0.3168, 0.3214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3373, 0.3088, 0.3367**, and the grayscale version is **68.9382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2293, 0.3181, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **57.1359, 0.3255, 0.3067**, and if you desaturate by 10%, it is **80.5494, 0.3095, 0.3353**.

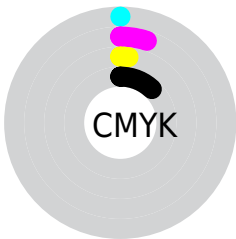
Distribution



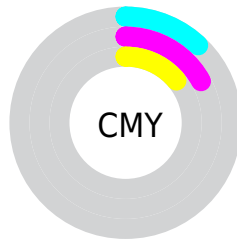
- Red (88%)
- Green (83%)
- Blue (86%)



- Red (88%)
- Yellow (83%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0487, 0.3168, 0.3214 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 68.0487, 0.3168, 0.3214 by changing the saturation by 10% instead.

■ 68.0487, 0.3168,
0.3214

■ 68.0487, 0.3168,
0.3214

453.6685, 0.3149,
0.3250

■ 49.9374, 0.3172,
0.3206

116.4218, 0.3161,
0.3226

■ 35.3636, 0.3178,
0.3196

147.4524, 0.3159,
0.3231

■ 23.9431, 0.3185,
0.3183

183.5581, 0.3157,
0.3235

■ 15.2914, 0.3194,
0.3166

225.1234, 0.3155,
0.3239

■ 9.0242, 0.3206,
0.3142

272.5328, 0.3153,
0.3242

■ 4.7570, 0.3225,
0.3108

326.1705, 0.3152,

■ 2.1054, 0.3254,

0.3245

386.4209, 0.3150,
0.3247

0.3054

0.6676, 0.3332,
0.2906

0.0000, 0.0000,
0.0000

68.0487, 0.3168,
0.3214

68.0487, 0.3168,
0.3214

57.1359, 0.3255,
0.3067

80.5494, 0.3095,
0.3353

47.7381, 0.3360,
0.2914

93.5330, 0.3035,
0.3465

39.7898, 0.3483,
0.2759

94.0997, 0.2983,
0.3368

33.2173, 0.3626,
0.2611

94.5923, 0.2941,
0.3289

■ 27.9401, 0.3789,
0.2476

■ 23.8698, 0.3969,
0.2367

■ 20.9062, 0.4162,
0.2297

■ 18.9332, 0.4360,
0.2274

■ 17.8081, 0.4555,
0.2305

Harmonies

Analogous

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



68.0487, 0.3097, 0.3178



68.0487, 0.3168, 0.3214



68.0487, 0.3229, 0.3270

Triad

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



68.0487, 0.3168, 0.3214



68.0487, 0.3220, 0.3411



68.0487, 0.2994, 0.3246

Complementary

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



68.0487, 0.3168, 0.3214



72.3373, 0.3088, 0.3367

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.



68.0487, 0.3026, 0.3309



68.0487, 0.3168, 0.3214



68.0487, 0.3157, 0.3406

Square

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



68.0487, 0.3168, 0.3214



68.0487, 0.3259, 0.3384



68.0487, 0.3086, 0.3368



68.0487, 0.2997, 0.3196

Rectangle

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



68.0487, 0.3168, 0.3214



68.0487, 0.3255, 0.3312



68.0487, 0.3086, 0.3368



68.0487, 0.3001, 0.3267

Sweetspot

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



68.0516, 0.3168, 0.3214



96.6520, 0.3142, 0.3262



67.2230, 0.3082, 0.3157



20.7226, 0.3141, 0.3263



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.



68.0516, 0.3168, 0.3214



90.2169, 0.3173, 0.3204



67.7424, 0.3210, 0.3279



14.5303, 0.3178, 0.3196



10.1853, 0.4616, 0.2316



0.7237, 0.4340, 0.2164

Inverse Universe

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



68.0516, 0.3168, 0.3214



90.2169, 0.3173, 0.3204



72.6542, 0.3050, 0.3301



14.5303, 0.3178, 0.3196



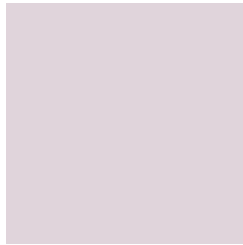
10.1853, 0.4616, 0.2316



0.7237, 0.4340, 0.2164

Previews

White Background



This preview shows how the Yxy color 68.0487, 0.3168, 0.3214 looks on a white background.

Color Contrast Check

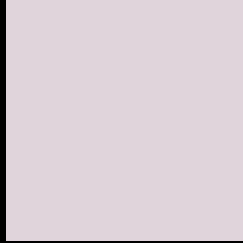
Large Text (above 18pt) WCAG AA × Fail

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 68.0487, 0.3168, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

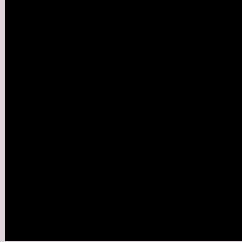
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

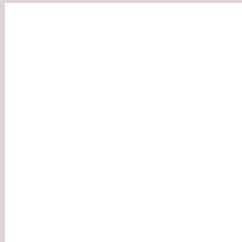
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0487, 0.3168, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 68.0487, 0.3168, 0.3214.

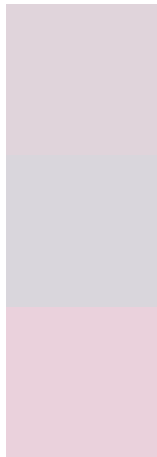


This preview shows how white text looks on a background with the Yxy color 68.0487, 0.3168, 0.3214.

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

68.0487, 0.3168, 0.3214

Protanopia

68.0122, 0.3108, 0.3224

Deuteranopia

68.2607, 0.3238, 0.3173



Tritanopia

68.1421, 0.3121, 0.3117

Trichromacy



Original Color

68.0487, 0.3168, 0.3214

Protanomaly

67.9715, 0.3131, 0.3213

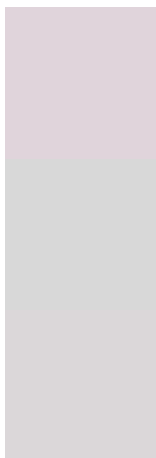
Deuteranomaly

68.0835, 0.3207, 0.3183

Tritanomaly

67.9779, 0.3141, 0.3149

Monochromacy



Original Color

68.0487, 0.3168, 0.3214

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6707, 0.3143, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0487, 0.3168, 0.3214 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(224, 212, 219)` looks like.

```
.text, #text, p{  
    color:rgb(224, 212, 219)  
}
```

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(224, 212, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 212, 219) }
```

Border

The CSS property to change the border of an element to Yxy 68.0487, 0.3168, 0.3214 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(224, 212, 219) }
```

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

```
.border{ border-color:rgb(224, 212, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 212, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 212, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 212, 219);  
box-shadow:4px 4px 4px 4px rgb(224, 212,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0487, 0.3168, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 212, 219) }
```

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

```
.background{ background-color: rgb(224,  
212, 219) }
```

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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