

Converting Colors

Yxy(69.4538, 0.3258, 0.3239)

Have a look what the booklet for
Yxy(69.4538, 0.3258, 0.3239)
contains.

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Color

Yxy(69.5891, 0.3256, 0.3237)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EAD4D9 |
| RGB | 234, 212, 217 |
| RGB Percent | 92%, 83%, 85% |
| CMY | 0.0824, 0.1686, 0.1490 |
| CMYK | 0.00, 0.09, 0.07, 0.08 |
| HSL | 346°, 34%, 87% |
| HSV | 346°, 9%, 92% |
| XYZ | 69.9976, 69.5891, 75.3936 |
| YIQ | 219.1480, 11.5070, 6.2190 |

Conversions

Conversions Part 2

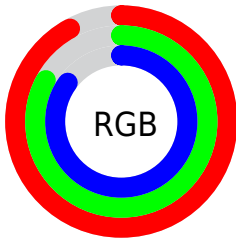
| Format | Color |
|-------------------------------------|--|
| RYB | 234, 212, 217 |
| Decimal | 15389913 |
| CIELab | 86.79, 8.45, 0.29 |
| CIELCh | 87, 8.452, 1.997 |
| Yxy | 69.5891, 0.3256, 0.3237 |
| Android (android.graphics.Color) | 4293579993 (0xFFEAD4D9) |
| YUV | 219.1480, -1.0590, 13.0252 |
| Hunter-Lab | 83.4201, 3.7937, 4.8088 |

Details

The Yxy color $69.5891, 0.3256, 0.3237$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78.4947, 0.3012, 0.3344$, and the grayscale version is $70.9492, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.1876, 0.3288, 0.3221$ is the 20% darker color. If you saturate the color by 10%, you get $57.8385, 0.3424, 0.3177$, and if you desaturate by 10%, it is $83.1441, 0.3120, 0.3293$.

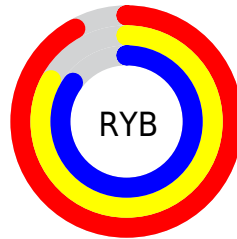
Distribution



Red (92%)

Green (83%)

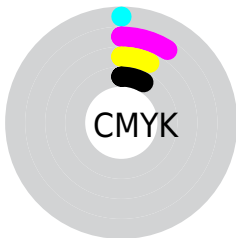
Blue (85%)



Red (92%)

Yellow (83%)

Blue (85%)

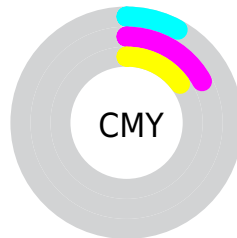


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (8%)



Cyan (8%)

Magenta (17%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5891, 0.3256, 0.3237 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 69.5891, 0.3256, 0.3237 by changing the saturation by 10% instead.


 69.5891, 0.3256,
0.3237

 69.5891, 0.3256,
0.3237


459.1059, 0.3196,
0.3262

 51.1916, 0.3270,
0.3231


118.6226, 0.3235,
0.3246

 36.3611, 0.3287,
0.3224


150.0274, 0.3227,
0.3249

 24.7132, 0.3309,
0.3215


186.5368, 0.3220,
0.3252

 15.8635, 0.3338,
0.3203

228.5351, 0.3214,
0.3254

 9.4276, 0.3378,
0.3186

276.4068, 0.3209,
0.3257

 5.0212, 0.3437,
0.3162

330.5362, 0.3204,

 2.2597, 0.3532,

0.3259

0.3122

391.3078, 0.3200,
0.3260

0.7522, 0.3733,
0.3040

0.0000, 0.0000,
0.0000

69.5891, 0.3256,
0.3237

69.5891, 0.3256,
0.3237

57.8385, 0.3424,
0.3177

83.1441, 0.3120,
0.3293

47.8073, 0.3632,
0.3115

96.1128, 0.3009,
0.3308

39.4172, 0.3886,
0.3053

96.2307, 0.2999,
0.3290

32.5802, 0.4191,
0.2998

■ 27.2002, 0.4545,
0.2956

■ 23.1703, 0.4938,
0.2937

■ 20.3686, 0.5342,
0.2952

■ 18.6513, 0.5715,
0.3006

■ 17.7909, 0.6015,
0.3091

Harmonies

Analogous

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



69.5891, 0.3159, 0.3162



69.5891, 0.3256, 0.3237



69.5891, 0.3318, 0.3327

Triad

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



69.5891, 0.3256, 0.3237



69.5891, 0.3197, 0.3467



69.5891, 0.2930, 0.3167

Complementary

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



69.5891, 0.3256, 0.3237



78.4947, 0.3012, 0.3344

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.



69.5891, 0.2940, 0.3248



69.5891, 0.3256, 0.3237



69.5891, 0.3093, 0.3424

Square

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



69.5891, 0.3256, 0.3237



69.5891, 0.3283, 0.3461



69.5891, 0.2999, 0.3343



69.5891, 0.2972, 0.3121

Rectangle

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



69.5891, 0.3256, 0.3237



69.5891, 0.3331, 0.3384



69.5891, 0.2999, 0.3343



69.5891, 0.2928, 0.3191

Sweetspot

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



69.5922, 0.3256, 0.3237



94.8410, 0.3166, 0.3273



69.6663, 0.3101, 0.3057



20.0122, 0.3176, 0.3269



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.



69.5922, 0.3256, 0.3237



82.0730, 0.3282, 0.3227



72.3201, 0.3285, 0.3353



15.1102, 0.3257, 0.3237



9.9912, 0.5995, 0.3076



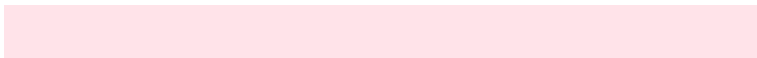
0.7989, 0.5610, 0.2864

Inverse Universe

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



69.5922, 0.3256, 0.3237



82.0730, 0.3282, 0.3227



75.4956, 0.2982, 0.3226



15.1102, 0.3257, 0.3237



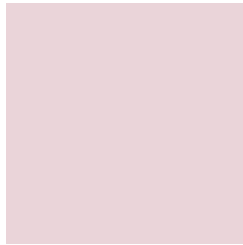
9.9912, 0.5995, 0.3076



0.7989, 0.5610, 0.2864

Previews

White Background



This preview shows how the Yxy color 69.5891, 0.3256, 0.3237 looks on a white background.

Color Contrast Check

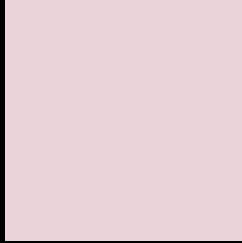
Large Text (above 18pt) WCAG AA × Fail

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 69.5891, 0.3256, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

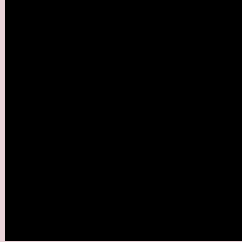
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

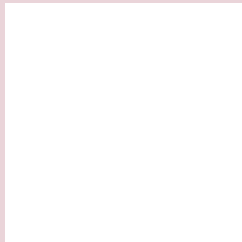
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5891, 0.3256, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 69.5891, 0.3256, 0.3237.



This preview shows how white text looks on a background with the Yxy color 69.5891, 0.3256, 0.3237.

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

69.5891, 0.3256, 0.3237

Protanopia

69.5984, 0.3143, 0.3257

Deuteranopia

69.2801, 0.3288, 0.3216



Tritanopia

69.3014, 0.3195, 0.3111

Trichromacy



Original Color

69.5891, 0.3256, 0.3237

Protanomaly

69.8316, 0.3187, 0.3258

Deuteranomaly

69.6028, 0.3280, 0.3227

Tritanomaly

69.5784, 0.3222, 0.3163

Monochromacy



Original Color

69.5891, 0.3256, 0.3237

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.0210, 0.3172, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5891, 0.3256, 0.3237 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(234, 212, 217)` looks like.

```
.text, #text, p{  
    color:rgb(234, 212, 217)  
}
```

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(234, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 212, 217) }
```

Border

The CSS property to change the border of an element to Yxy 69.5891, 0.3256, 0.3237 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(234, 212, 217) }
```

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

```
.border{ border-color:rgb(234, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(234, 212,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5891, 0.3256, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 212, 217) }
```

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

```
.background{ background-color: rgb(234,  
212, 217) }
```

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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