

Converting Colors

$Y_{xy}(68.7776, 0.3251, 0.3242)$

Have a look what the booklet for
Yxy(68.7776, 0.3251, 0.3242)
contains.

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Color

Yxy(68.7022, 0.3249, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	E8D3D8
RGB	232, 211, 216
RGB Percent	91%, 83%, 85%
CMY	0.0903, 0.1725, 0.1530
CMYK	0.00, 0.09, 0.07, 0.09
HSL	346°, 31%, 87%
HSV	346°, 9%, 91%
XYZ	68.9569, 68.7022, 74.5813
YIQ	217.8490, 10.9110, 6.0070

Conversions

Conversions Part 2

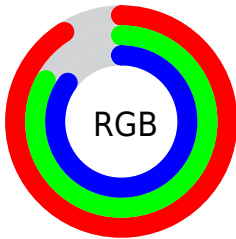
Format	Color
R _Y B	232, 211, 216
Decimal	15258584
CIE Lab	86.36, 8.09, 0.18
CIE LCh	86, 8.090, 1.248
Yxy	68.7022, 0.3249, 0.3237
Android (android.graphics.Color)	4293448664 (0xFFE8D3D8)
YUV	217.8490, -0.9116, 12.4104
Hunter-Lab	82.8868, 3.4495, 4.6718

Details

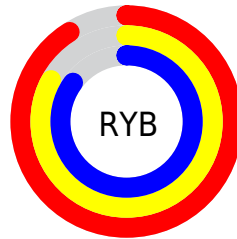
The Yxy color **68.7022, 0.3249, 0.3237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.0904, 0.3018, 0.3344**, and the grayscale version is **70.0008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5802, 0.3279, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **57.1313, 0.3414, 0.3175**, and if you desaturate by 10%, it is **82.0408, 0.3115, 0.3295**.

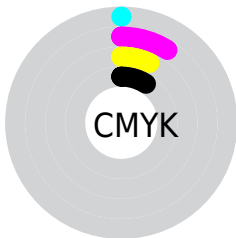
Distribution



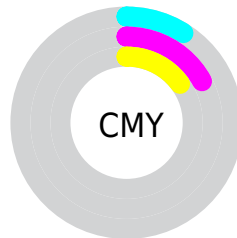
- Red (91%)
- Green (83%)
- Blue (85%)



- Red (91%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (9%)





- Cyan (9%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7022, 0.3249, 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 68.7022, 0.3249, 0.3237 by changing the saturation by 10% instead.


 68.7022, 0.3249,
0.3237

 68.7022, 0.3249,
0.3237


455.9799, 0.3192,
0.3262

 50.4692, 0.3262,
0.3231


117.3561, 0.3229,
0.3246

 35.7864, 0.3279,
0.3224


148.5459, 0.3221,
0.3249

 24.2692, 0.3300,
0.3215


184.8233, 0.3215,
0.3252

 15.5335, 0.3327,
0.3203

226.5729, 0.3209,
0.3255

 9.1946, 0.3365,
0.3186

274.1789, 0.3204,
0.3257

 4.8684, 0.3422,
0.3161

328.0258, 0.3200,

 2.1702, 0.3513,

0.3259

0.3121

388.4980, 0.3196,
0.3260

0.7037, 0.3728,
0.3028

0.0000, 0.0000,
0.0000

68.7022, 0.3249,
0.3237

68.7022, 0.3249,
0.3237

57.1313, 0.3414,
0.3175

82.0408, 0.3115,
0.3295

47.2451, 0.3617,
0.3110

95.6586, 0.3007,
0.3326

38.9673, 0.3866,
0.3046

95.8897, 0.2987,
0.3290

32.2123, 0.4164,
0.2987

■ 26.8864, 0.4512,
0.2942

■ 22.8855, 0.4898,
0.2921

■ 20.0914, 0.5298,
0.2933

■ 18.3643, 0.5671,
0.2986

■ 17.4912, 0.5976,
0.3072

Harmonies

Analogous

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



68.7022, 0.3156, 0.3165



68.7022, 0.3249, 0.3237



68.7022, 0.3310, 0.3324

Triad

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



68.7022, 0.3249, 0.3237



68.7022, 0.3197, 0.3461



68.7022, 0.2937, 0.3174

Complementary

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



68.7022, 0.3249, 0.3237



77.0904, 0.3018, 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.



68.7022, 0.2948, 0.3252



68.7022, 0.3249, 0.3237



68.7022, 0.3097, 0.3420

Square

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



68.7022, 0.3249, 0.3237



68.7022, 0.3279, 0.3454



68.7022, 0.3006, 0.3343



68.7022, 0.2976, 0.3128

Rectangle

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



68.7022, 0.3249, 0.3237



68.7022, 0.3323, 0.3379



68.7022, 0.3006, 0.3343



68.7022, 0.2935, 0.3197

Sweetspot

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



68.7052, 0.3249, 0.3237



94.8456, 0.3165, 0.3273



68.7092, 0.3099, 0.3066



20.0134, 0.3176, 0.3268



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.



68.7052, 0.3249, 0.3237



82.0884, 0.3280, 0.3225



71.0967, 0.3279, 0.3347



14.4237, 0.3255, 0.3234



9.6937, 0.5964, 0.3059



0.7306, 0.5553, 0.2833

Inverse Universe

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



68.7052, 0.3249, 0.3237



82.0884, 0.3280, 0.3225



74.4652, 0.2988, 0.3233



14.4237, 0.3255, 0.3234



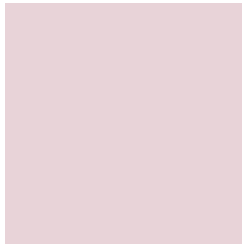
9.6937, 0.5964, 0.3059



0.7306, 0.5553, 0.2833

Previews

White Background



This preview shows how the Yxy color 68.7022, 0.3249, 0.3237 looks on a white background.

Color Contrast Check

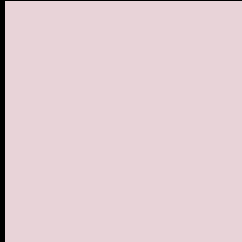
Large Text (above 18pt) WCAG AA × Fail

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 68.7022, 0.3249, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

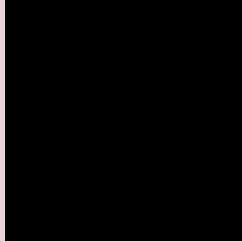
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.7022, 0.3249, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 68.7022, 0.3249, 0.3237.

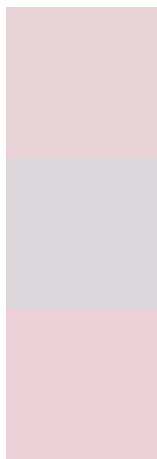


This preview shows how white text looks on a background with the Yxy color 68.7022, 0.3249, 0.3237.

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

68.7022, 0.3249, 0.3237

Protanopia

68.7229, 0.3136, 0.3257

Deuteranopia

68.5633, 0.3289, 0.3216



Tritanopia

68.4156, 0.3188, 0.3110

Trichromacy



Original Color

68.7022, 0.3249, 0.3237

Protanomaly

68.9502, 0.3180, 0.3257

Deuteranomaly

68.7132, 0.3273, 0.3226

Tritanomaly

68.6908, 0.3215, 0.3162

Monochromacy



Original Color

68.7022, 0.3249, 0.3237

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2986, 0.3172, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7022, 0.3249, 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(232, 211, 216)` looks like.

```
.text, #text, p{  
    color:rgb(232, 211, 216)  
}
```

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, 211, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 211, 216) }
```

Border

The CSS property to change the border of an element to Yxy 68.7022, 0.3249, 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(232, 211, 216) }
```

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

```
.border{ border-color:rgb(232, 211, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 211, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 211, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 211, 216);  
box-shadow:4px 4px 4px 4px rgb(232, 211,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7022, 0.3249, 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(232, 211, 216) }
```

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

```
.background{ background-color: rgb(232,  
211, 216) }
```

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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