

Converting Colors

Yxy(68.4440, 0.3240, 0.3132)

Have a look what the booklet for
Yxy(68.4440, 0.3240, 0.3132)
contains.

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Color

Yxy(68.4440, 0.3240, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	EDD0DF
RGB	237, 208, 223
RGB Percent	93%, 82%, 87%
CMY	0.0705, 0.1843, 0.1255
CMYK	0.00, 0.12, 0.06, 0.07
HSL	329°, 45%, 87%
HSV	329°, 12%, 93%
XYZ	70.8041, 68.4440, 79.2832
YIQ	218.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

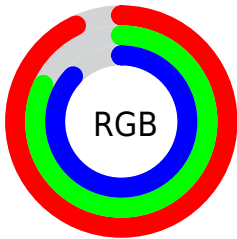
Format	Color
R _Y B	237, 208, 223
Decimal	15585503
CIE Lab	86.23, 12.62, -3.67
CIE LCh	86, 13.142, 343.762
Yxy	68.4440, 0.3240, 0.3132
Android (android.graphics.Color)	4293775583 (0xFFEDD0DF)
YUV	218.3810, 2.2772, 16.3289
Hunter-Lab	82.7309, 7.9878, 1.0925

Details

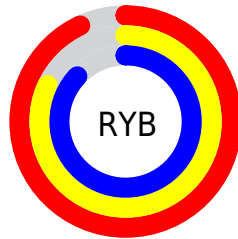
The Yxy color **68.4440, 0.3240, 0.3132** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2666, 0.3028, 0.3454**, and the grayscale version is **70.3681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7621, 0.3265, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **57.1427, 0.3353, 0.2996**, and if you desaturate by 10%, it is **81.5202, 0.3146, 0.3262**.

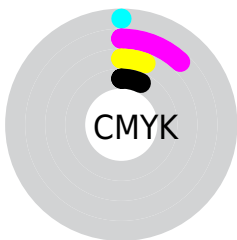
Distribution



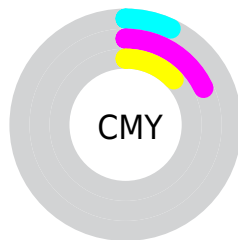
- Red (93%)
- Green (82%)
- Blue (87%)



- Red (93%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4440, 0.3240, 0.3132 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 68.4440, 0.3240, 0.3132 by changing the saturation by 10% instead.


 68.4440, 0.3240,
0.3132

 68.4440, 0.3240,
0.3132


455.0675, 0.3188,
0.3205

 50.2590, 0.3252,
0.3115

116.9871, 0.3222,
0.3157

 35.6193, 0.3267,
0.3095


148.1140, 0.3215,
0.3167

 24.1403, 0.3286,
0.3069


184.3237, 0.3209,
0.3176

 15.4377, 0.3311,
0.3034

226.0005, 0.3203,
0.3183

 9.1272, 0.3344,
0.2988

273.5290, 0.3199,
0.3190

 4.8242, 0.3394,
0.2920

327.2933, 0.3195,

 2.1445, 0.3472,

0.3195

0.2814

387.6781, 0.3191,
0.3201

0.6895, 0.3634,
0.2585

0.0000, 0.0000,
0.0000

68.4440, 0.3240,
0.3132

68.4440, 0.3240,
0.3132

57.1427, 0.3353,
0.2996

81.5202, 0.3146,
0.3262

47.5302, 0.3489,
0.2857

96.1766, 0.3068,
0.3380

39.5264, 0.3648,
0.2721

96.7483, 0.3017,
0.3290

33.0415, 0.3833,
0.2595

■ 27.9765, 0.4042,
0.2491

■ 24.2206, 0.4270,
0.2421

■ 21.6465, 0.4509,
0.2398

■ 20.1006, 0.4745,
0.2429

■ 19.4240, 0.4922,
0.2485

Harmonies

Analogous

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



68.4440, 0.3076, 0.3044



68.4440, 0.3240, 0.3132



68.4440, 0.3376, 0.3260

Triad

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



68.4440, 0.3240, 0.3132



68.4440, 0.3324, 0.3572



68.4440, 0.2821, 0.3168

Complementary

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



68.4440, 0.3240, 0.3132



79.2666, 0.3028, 0.3454

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.



68.4440, 0.2883, 0.3313



68.4440, 0.3240, 0.3132



68.4440, 0.3172, 0.3552

Square

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



68.4440, 0.3240, 0.3132



68.4440, 0.3424, 0.3514



68.4440, 0.3011, 0.3456



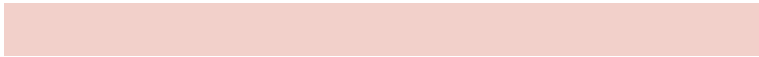
68.4440, 0.2837, 0.3061

Rectangle

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



68.4440, 0.3240, 0.3132



68.4440, 0.3430, 0.3354



68.4440, 0.3011, 0.3456



68.4440, 0.2833, 0.3214

Sweetspot

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



68.4470, 0.3240, 0.3132



93.3503, 0.3161, 0.3239



66.7611, 0.3032, 0.2978



19.7215, 0.3168, 0.3230



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.



68.4470, 0.3240, 0.3132



76.8425, 0.3270, 0.3094



67.6977, 0.3345, 0.3285



15.1840, 0.3212, 0.3169



10.6293, 0.4886, 0.2465



0.8541, 0.4591, 0.2303

Inverse Universe

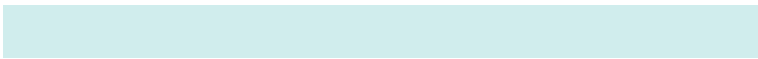
The Inverse Universe completely reimagines the original color for something new.



68.4470, 0.3240, 0.3132



76.8425, 0.3270, 0.3094



80.0785, 0.2943, 0.3295



15.1840, 0.3212, 0.3169



10.6293, 0.4886, 0.2465



0.8541, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 68.4440, 0.3240, 0.3132 looks on a white background.

Color Contrast Check

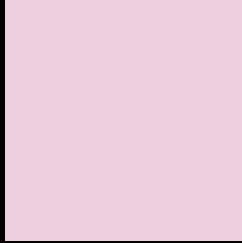
Large Text (above 18pt) WCAG AA × Fail

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 68.4440, 0.3240, 0.3132 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 68.4440, 0.3240, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 68.4440, 0.3240, 0.3132.

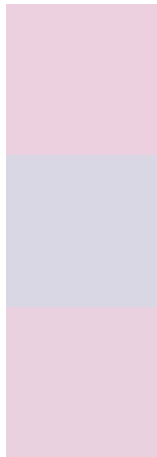


This preview shows how white text looks on a background with the Yxy color 68.4440, 0.3240, 0.3132.

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

68.4440, 0.3240, 0.3132

Protanopia

68.7459, 0.3054, 0.3158

Deuteranopia

68.4211, 0.3216, 0.3141



Tritanopia

68.4981, 0.3233, 0.3122

Trichromacy



Original Color

68.4440, 0.3240, 0.3132

Protanomaly

68.4252, 0.3120, 0.3139

Deuteranomaly

68.5908, 0.3224, 0.3142

Tritanomaly

68.4981, 0.3233, 0.3122

Monochromacy



Original Color

68.4440, 0.3240, 0.3132

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2680, 0.3167, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4440, 0.3240, 0.3132 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(237, 208, 223)` looks like.

```
.text, #text, p{  
    color:rgb(237, 208, 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(237, 208, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 208, 223) }
```

Border

The CSS property to change the border of an element to Yxy 68.4440, 0.3240, 0.3132 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(237, 208, 223) }
```

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

```
.border{ border-color:rgb(237, 208, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 208, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 208, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 208, 223);  
box-shadow:4px 4px 4px 4px rgb(237, 208,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4440, 0.3240, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 208, 223) }
```

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

```
.background{ background-color: rgb(237,  
208, 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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