

Converting Colors

Yxy(64.2003, 0.3244, 0.3269)

Have a look what the booklet for
Yxy(64.2003, 0.3244, 0.3269)
contains.

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Color

Yxy(64.3847, 0.3243, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DFCED0
RGB	223, 206, 208
RGB Percent	87%, 81%, 82%
CMY	0.1254, 0.1922, 0.1843
CMYK	0.00, 0.08, 0.07, 0.13
HSL	353°, 21%, 84%
HSV	353°, 8%, 87%
XYZ	63.8922, 64.3847, 68.7387
YIQ	211.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

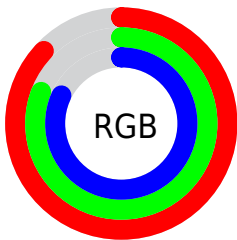
Format	Color
R_{YB}	223, 206, 208
Decimal	14667472
CIE _{Lab}	84.17, 6.25, 1.13
CIE _{LCh}	84, 6.351, 10.234
Yxy	64.3847, 0.3243, 0.3268
Android (android.graphics.Color)	4292857552 (0xFFDFCED0)
YUV	211.3110, -1.6323, 10.2513
Hunter-Lab	80.2401, 1.7127, 5.3765

Details

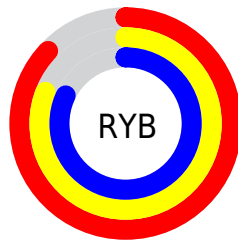
The Yxy color $64.3847, 0.3243, 0.3268$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.1270, 0.3022, 0.3312$, and the grayscale version is $65.3671, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.1144, 0.3271, 0.3261$ is the 20% darker color. If you saturate the color by 10%, you get $53.4917, 0.3427, 0.3237$, and if you desaturate by 10%, it is $76.9269, 0.3095, 0.3297$.

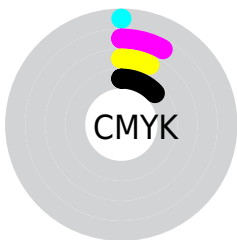
Distribution



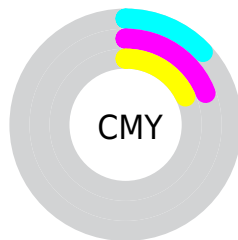
- Red (87%)
- Green (81%)
- Blue (82%)



- Red (87%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3847, 0.3243, 0.3268 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 64.3847, 0.3243, 0.3268 by changing the saturation by 10% instead.


 64.3847, 0.3243,
0.3268

 64.3847, 0.3243,
0.3268


440.5775, 0.3188,
0.3279

 46.9623, 0.3256,
0.3265


111.1648, 0.3224,
0.3272

 33.0059, 0.3272,
0.3262


141.2913, 0.3216,
0.3273

 22.1309, 0.3293,
0.3258


176.4213, 0.3210,
0.3274

 13.9531, 0.3320,
0.3253

216.9392, 0.3204,
0.3276

 8.0881, 0.3359,
0.3245

263.2293, 0.3200,
0.3276

 4.1514, 0.3417,
0.3232

315.6762, 0.3195,

 1.7586, 0.3514,

0.3277

0.3212

374.6641, 0.3192,
0.3278

0.4612, 0.4005,
0.3126

0.0000, 0.0000,
0.0000

64.3847, 0.3243,
0.3268

64.3847, 0.3243,
0.3268

53.4917, 0.3427,
0.3237

76.9269, 0.3095,
0.3297

44.1712, 0.3656,
0.3206

91.1740, 0.2976,
0.3323

36.3532, 0.3938,
0.3174

94.4307, 0.2935,
0.3289

29.9588, 0.4280,
0.3146

■ 24.9021, 0.4679,
0.3125

■ 21.0879, 0.5119,
0.3119

■ 18.4085, 0.5562,
0.3132

■ 16.7376, 0.5949,
0.3168

■ 15.9042, 0.6224,
0.3220

Harmonies

Analogous

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



64.3847, 0.3174, 0.3205



64.3847, 0.3243, 0.3268



64.3847, 0.3281, 0.3338

Triad

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



64.3847, 0.3243, 0.3268



64.3847, 0.3160, 0.3421



64.3847, 0.2980, 0.3182

Complementary

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



64.3847, 0.3243, 0.3268



71.1270, 0.3022, 0.3312

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.



64.3847, 0.2976, 0.3239



64.3847, 0.3243, 0.3268



64.3847, 0.3079, 0.3378

Square

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



64.3847, 0.3243, 0.3268



64.3847, 0.3232, 0.3427



64.3847, 0.3012, 0.3311



64.3847, 0.3023, 0.3155

Rectangle

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



64.3847, 0.3243, 0.3268



64.3847, 0.3283, 0.3379



64.3847, 0.3012, 0.3311



64.3847, 0.2974, 0.3199

Sweetspot

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



64.3875, 0.3243, 0.3268



96.5027, 0.3156, 0.3284



64.8036, 0.3119, 0.3103



20.6922, 0.3154, 0.3285



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.



64.3875, 0.3243, 0.3268



84.9856, 0.3267, 0.3264



67.3535, 0.3251, 0.3359



13.7267, 0.3274, 0.3263



9.2776, 0.6250, 0.3217



0.6519, 0.5924, 0.3037

Inverse Universe

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



64.3875, 0.3243, 0.3268



84.9856, 0.3267, 0.3264



67.9613, 0.3010, 0.3220



13.7267, 0.3274, 0.3263



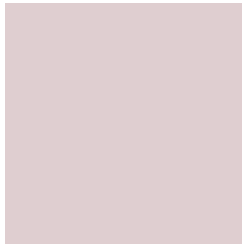
9.2776, 0.6250, 0.3217



0.6519, 0.5924, 0.3037

Previews

White Background



This preview shows how the Yxy color 64.3847, 0.3243, 0.3268 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 64.3847, 0.3243, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

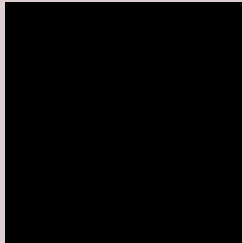
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

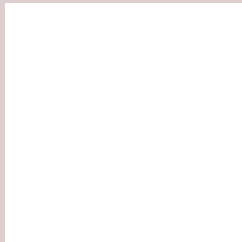
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3847, 0.3243, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 64.3847, 0.3243, 0.3268.



This preview shows how white text looks on a background with the Yxy color 64.3847, 0.3243, 0.3268.

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

64.3847, 0.3243, 0.3268

Protanopia

64.5502, 0.3158, 0.3279

Deuteranopia

64.3042, 0.3301, 0.3225



Tritanopia

64.3606, 0.3173, 0.3115

Trichromacy



Original Color

64.3847, 0.3243, 0.3268

Protanomaly

64.4669, 0.3188, 0.3279

Deuteranomaly

64.2832, 0.3276, 0.3236

Tritanomaly

64.4678, 0.3194, 0.3169

Monochromacy



Original Color

64.3847, 0.3243, 0.3268

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.7011, 0.3165, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3847, 0.3243, 0.3268 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(223, 206, 208)` looks like.

```
.text, #text, p{  
    color:rgb(223, 206, 208)  
}
```

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(223, 206, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 206, 208) }
```

Border

The CSS property to change the border of an element to Yxy 64.3847, 0.3243, 0.3268 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(223, 206, 208) }
```

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

```
.border{ border-color:rgb(223, 206, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 206, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 206, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 206, 208);  
box-shadow:4px 4px 4px 4px rgb(223, 206,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3847, 0.3243, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 206, 208) }
```

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

```
.background{ background-color: rgb(223,  
206, 208) }
```

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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