

Converting Colors

$Yxy(63.7471, 0.3472, 0.3611)$

Have a look what the booklet for
Yxy(63.7471, 0.3472, 0.3611)
contains.

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Color

Yxy(63.8879, 0.3472, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	E1CFB3
RGB	225, 207, 179
RGB Percent	88%, 81%, 70%
CMY	0.1177, 0.1882, 0.2980
CMYK	0.00, 0.08, 0.20, 0.12
HSL	37°, 43%, 79%
HSV	37°, 20%, 88%
XYZ	61.4968, 63.8879, 51.7373
YIQ	209.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

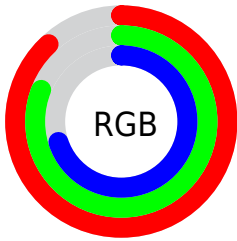
Format	Color
R _Y B	209, 225, 179
Decimal	14798771
CIE Lab	83.91, 1.82, 16.19
CIE LCh	84, 16.289, 83.584
Yxy	63.8879, 0.3472, 0.3607
Android (android.graphics.Color)	4292988851 (0xFFE1CFB3)
YUV	209.1900, -14.8837, 13.8654
Hunter-Lab	79.9299, -2.5424, 17.5735

Details

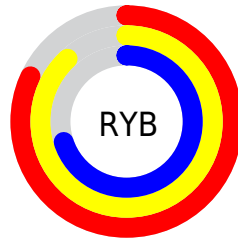
The Yxy color **63.8879, 0.3472, 0.3607** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.9388, 0.2801, 0.2951**, and the grayscale version is **63.9807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **32.7238, 0.3556, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **58.9103, 0.3669, 0.3770**, and if you desaturate by 10%, it is **69.2571, 0.3294, 0.3448**.

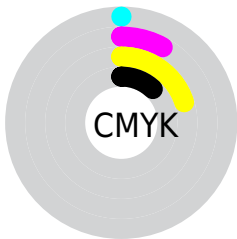
Distribution



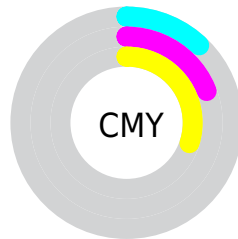
- Red (88%)
- Green (81%)
- Blue (70%)



- Red (82%)
- Yellow (88%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (12%)




- Cyan (12%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8879, 0.3472, 0.3607 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 63.8879, 0.3472, 0.3607 by changing the saturation by 10% instead.

 63.8879, 0.3472,
0.3607

 63.8879, 0.3472,
0.3607


438.7847, 0.3308,
0.3458

 46.5599, 0.3510,
0.3642

 110.4495, 0.3415,
0.3555

 32.6879, 0.3558,
0.3685


140.4518, 0.3392,
0.3535

 21.8874, 0.3619,
0.3739


175.4478, 0.3373,
0.3517

 13.7742, 0.3700,
0.3811

215.8216, 0.3357,
0.3502

 7.9638, 0.3812,
0.3910

261.9579, 0.3343,
0.3489

 4.0718, 0.3975,
0.4052

314.2409, 0.3330,

 1.7138, 0.4293,

0.3477

0.4331

373.0550, 0.3319,
0.3467

0.4326, 0.5130,
0.4870

0.0000, 0.0000,
0.0000

63.8879, 0.3472,
0.3607

63.8879, 0.3472,
0.3607

58.9103, 0.3669,
0.3770

69.2571, 0.3294,
0.3448

54.3046, 0.3883,
0.3931

75.0197, 0.3134,
0.3296

50.0620, 0.4109,
0.4082

81.1885, 0.2992,
0.3154

46.1700, 0.4341,
0.4213

86.8388, 0.2944,
0.3160

■ 42.6149, 0.4568,
0.4311

■ 92.2050, 0.2945,
0.3249

■ 39.3815, 0.4778,
0.4366

■ 94.7449, 0.2946,
0.3289

■ 36.4525, 0.4960,
0.4370

■ 33.9110, 0.5105,
0.4328

Harmonies

Analogous

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



63.8879, 0.3534, 0.3479



63.8879, 0.3472, 0.3607



63.8879, 0.3317, 0.3653

Triad

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



63.8879, 0.3472, 0.3607



63.8879, 0.2783, 0.3255



63.8879, 0.3130, 0.3010

Complementary

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



63.8879, 0.3472, 0.3607



54.9388, 0.2801, 0.2951

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.



63.8879, 0.2932, 0.2949



63.8879, 0.3472, 0.3607



63.8879, 0.2736, 0.3082

Square

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



63.8879, 0.3472, 0.3607



63.8879, 0.2920, 0.3446



63.8879, 0.2790, 0.2973



63.8879, 0.3333, 0.3139

Rectangle

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



63.8879, 0.3472, 0.3607



63.8879, 0.3183, 0.3626



63.8879, 0.2790, 0.2973



63.8879, 0.3060, 0.2981

Sweetspot

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



63.8908, 0.3472, 0.3607



95.2973, 0.3221, 0.3380



52.2944, 0.3376, 0.3081



20.2905, 0.3232, 0.3390



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.



63.8908, 0.3472, 0.3607



81.6731, 0.3563, 0.3684



72.3719, 0.3400, 0.3804



15.0832, 0.3277, 0.3433



19.7778, 0.5087, 0.4343



1.5435, 0.4913, 0.4481

Inverse Universe

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



54.9388, 0.2801, 0.2951



67.5255, 0.2720, 0.2861



47.8164, 0.2821, 0.2732



14.1176, 0.2981, 0.3143



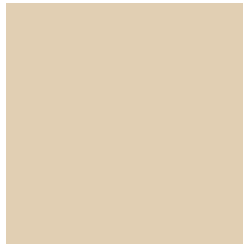
7.3603, 0.1679, 0.1242



0.6807, 0.1764, 0.1550

Previews

White Background



This preview shows how the Yxy color 63.8879, 0.3472, 0.3607 looks on a white background.

Color Contrast Check

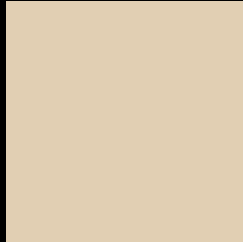
Large Text (above 18pt) WCAG AA × Fail

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 63.8879, 0.3472, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

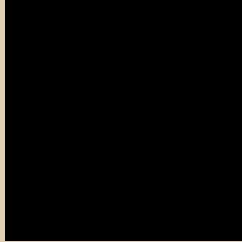
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

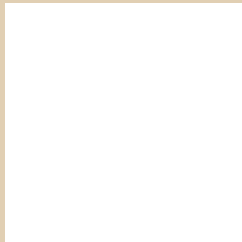
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8879, 0.3472, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 63.8879, 0.3472, 0.3607.



This preview shows how white text looks on a background with the Yxy color 63.8879, 0.3472, 0.3607.

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

63.8879, 0.3472, 0.3607

Protanopia

64.1119, 0.3421, 0.3622

Deuteranopia

63.5938, 0.3601, 0.3520



Tritanopia

64.0738, 0.3235, 0.3128

Trichromacy



Original Color

63.8879, 0.3472, 0.3607

Protanomaly

63.9366, 0.3439, 0.3609

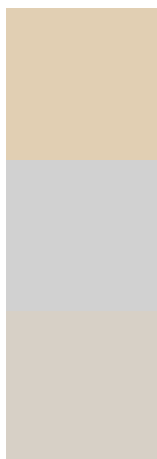
Deuteranomaly

63.6693, 0.3555, 0.3545

Tritanomaly

63.9915, 0.3321, 0.3302

Monochromacy



Original Color

63.8879, 0.3472, 0.3607

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6360, 0.3251, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8879, 0.3472, 0.3607 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(225, 207, 179)` looks like.

```
.text, #text, p{  
    color:rgb(225, 207, 179)  
}
```

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(225, 207, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 207, 179) }
```

Border

The CSS property to change the border of an element to Yxy 63.8879, 0.3472, 0.3607 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(225, 207, 179) }
```

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

```
.border{ border-color:rgb(225, 207, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 207, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 207, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 207, 179); box-shadow:4px 4px 4px 4px rgb(225, 207, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8879, 0.3472, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 207, 179) }
```

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

```
.background{ background-color: rgb(225,  
207, 179) }
```

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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