

Converting Colors

Yxy(63.8142, 0.3272, 0.3204)

Have a look what the booklet for
Yxy(63.8142, 0.3272, 0.3204)
contains.

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Color

Yxy(64.0730, 0.3271, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	E5CBD3
RGB	229, 203, 211
RGB Percent	90%, 80%, 83%
CMY	0.1018, 0.2039, 0.1726
CMYK	0.00, 0.11, 0.08, 0.10
HSL	342°, 33%, 85%
HSV	342°, 11%, 90%
XYZ	65.4333, 64.0730, 70.5343
YIQ	211.6860, 12.9280, 8.0000

Conversions

Conversions Part 2

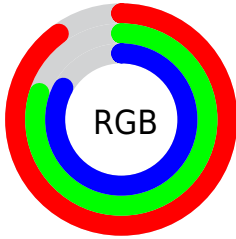
Format	Color
R _Y B	229, 203, 211
Decimal	15059923
CIE Lab	84.00, 10.44, -0.63
CIE LCh	84, 10.461, 356.538
Yxy	64.0730, 0.3271, 0.3203
Android (android.graphics.Color)	4293250003 (0xFFE5CBD3)
YUV	211.6860, -0.3382, 15.1844
Hunter-Lab	80.0456, 5.8350, 3.7870

Details

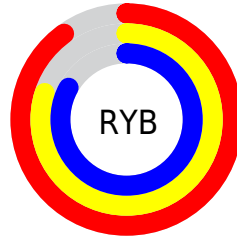
The Yxy color **64.0730, 0.3271, 0.3203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9774, 0.3001, 0.3379**, and the grayscale version is **65.6182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8135, 0.3297, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **53.2883, 0.3428, 0.3122**, and if you desaturate by 10%, it is **76.5400, 0.3143, 0.3280**.

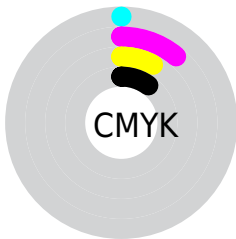
Distribution



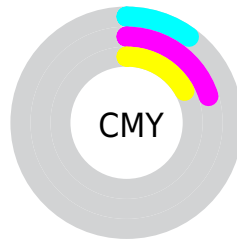
- Red (90%)
- Green (80%)
- Blue (83%)



- Red (90%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (10%)




- Cyan (10%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0730, 0.3271, 0.3203 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 64.0730, 0.3271, 0.3203 by changing the saturation by 10% instead.

 64.0730, 0.3271,
0.3203

 64.0730, 0.3271,
0.3203


439.4532, 0.3203,
0.3244

 46.7098, 0.3287,
0.3193


110.7161, 0.3247,
0.3217

 32.8063, 0.3307,
0.3181


140.7647, 0.3238,
0.3223

 21.9781, 0.3332,
0.3166


175.8106, 0.3230,
0.3228

 13.8408, 0.3367,
0.3145

216.2382, 0.3223,
0.3232

 8.0100, 0.3414,
0.3117

262.4319, 0.3217,
0.3236

 4.1014, 0.3486,
0.3074

314.7760, 0.3212,

 1.7304, 0.3604,

0.3239

0.3004

373.6550, 0.3207,
0.3242

0.4432, 0.4108,
0.2692

0.0000, 0.0000,
0.0000

64.0730, 0.3271,
0.3203

64.0730, 0.3271,
0.3203

53.2883, 0.3428,
0.3122

76.5400, 0.3143,
0.3280

44.1054, 0.3621,
0.3038

90.7485, 0.3038,
0.3351

36.4497, 0.3854,
0.2956

95.4039, 0.2970,
0.3290

30.2374, 0.4131,
0.2881

■ 25.3767, 0.4451,
0.2825

■ 21.7650, 0.4804,
0.2797

■ 19.2847, 0.5169,
0.2810

■ 17.7954, 0.5513,
0.2871

■ 17.1093, 0.5773,
0.2954

Harmonies

Analogous

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



64.0730, 0.3143, 0.3114



64.0730, 0.3271, 0.3203



64.0730, 0.3361, 0.3315

Triad

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



64.0730, 0.3271, 0.3203



64.0730, 0.3238, 0.3520



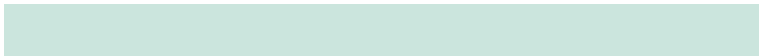
64.0730, 0.2875, 0.3149

Complementary

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



64.0730, 0.3271, 0.3203



73.9774, 0.3001, 0.3379

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.



64.0730, 0.2899, 0.3258



64.0730, 0.3271, 0.3203



64.0730, 0.3107, 0.3476

Square

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



64.0730, 0.3271, 0.3203



64.0730, 0.3341, 0.3500



64.0730, 0.2983, 0.3378



64.0730, 0.2916, 0.3082

Rectangle

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



64.0730, 0.3271, 0.3203



64.0730, 0.3386, 0.3390



64.0730, 0.2983, 0.3378



64.0730, 0.2875, 0.3182

Sweetspot

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



64.0758, 0.3271, 0.3203



94.8789, 0.3162, 0.3268



63.7079, 0.3079, 0.3005



20.0224, 0.3172, 0.3262



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.



64.0758, 0.3271, 0.3203



77.8070, 0.3311, 0.3181



65.9749, 0.3324, 0.3343



14.4404, 0.3244, 0.3218



9.7977, 0.5733, 0.2932



0.7402, 0.5317, 0.2703

Inverse Universe

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



64.0758, 0.3271, 0.3203



77.8070, 0.3311, 0.3181



71.8072, 0.2952, 0.3236



14.4404, 0.3244, 0.3218



9.7977, 0.5733, 0.2932



0.7402, 0.5317, 0.2703

Previews

White Background



This preview shows how the Yxy color 64.0730, 0.3271, 0.3203 looks on a white background.

Color Contrast Check

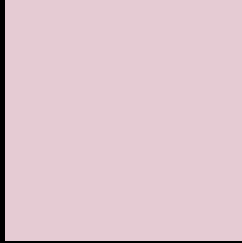
Large Text (above 18pt) WCAG AA × Fail

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 64.0730, 0.3271, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

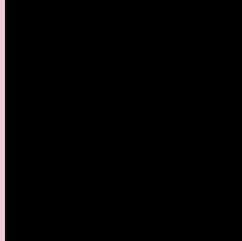
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0730, 0.3271, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 64.0730, 0.3271, 0.3203.



This preview shows how white text looks on a background with the Yxy color 64.0730, 0.3271, 0.3203.

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

64.0730, 0.3271, 0.3203

Protanopia

64.4530, 0.3115, 0.3233

Deuteranopia

64.0730, 0.3271, 0.3203



Tritanopia

64.1260, 0.3228, 0.3117

Trichromacy



Original Color

64.0730, 0.3271, 0.3203

Protanomaly

64.3352, 0.3168, 0.3223

Deuteranomaly

64.0730, 0.3271, 0.3203

Tritanomaly

63.9704, 0.3250, 0.3149

Monochromacy



Original Color

64.0730, 0.3271, 0.3203

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.2598, 0.3174, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0730, 0.3271, 0.3203 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(229, 203, 211)` looks like.

```
.text, #text, p{  
    color:rgb(229, 203, 211)  
}
```

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(229, 203, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 203, 211) }
```

Border

The CSS property to change the border of an element to Yxy 64.0730, 0.3271, 0.3203 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(229, 203, 211) }
```

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

```
.border{ border-color:rgb(229, 203, 211) }
```

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

Here you see how a box with a 4 pixel rgb(229, 203, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 203, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 203, 211);  
box-shadow:4px 4px 4px 4px rgb(229, 203,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0730, 0.3271, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 203, 211) }
```

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

```
.background{ background-color: rgb(229,  
203, 211) }
```

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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