

Converting Colors

Yxy(63.8867, 0.3203, 0.3211)

Have a look what the booklet for
Yxy(63.8867, 0.3203, 0.3211)
contains.

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Color

Yxy(63.9457, 0.3207, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	DECDD4
RGB	222, 205, 212
RGB Percent	87%, 80%, 83%
CMY	0.1296, 0.1960, 0.1687
CMYK	0.00, 0.08, 0.04, 0.13
HSL	335°, 20%, 84%
HSV	335°, 8%, 87%
XYZ	63.8263, 63.9457, 71.2498
YIQ	210.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

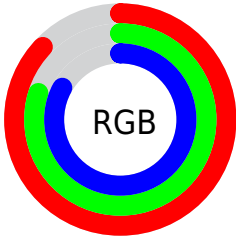
Format	Color
R _Y B	222, 205, 212
Decimal	14601684
CIE Lab	83.94, 7.08, -1.33
CIE LCh	84, 7.207, 349.372
Yxy	63.9457, 0.3207, 0.3213
Android (android.graphics.Color)	4292791764 (0xFFDECDD4)
YUV	210.8810, 0.5517, 9.7514
Hunter-Lab	79.9661, 2.5323, 3.1488

Details

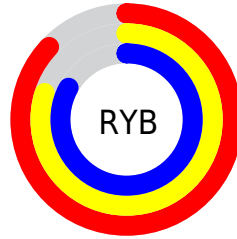
The Yxy color **63.9457, 0.3207, 0.3213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1077, 0.3054, 0.3368**, and the grayscale version is **65.0486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7830, 0.3233, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **53.4371, 0.3332, 0.3107**, and if you desaturate by 10%, it is **76.0197, 0.3105, 0.3313**.

Distribution



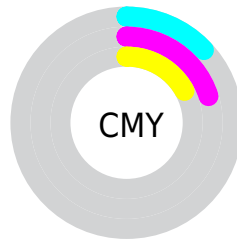
- Red (87%)
- Green (80%)
- Blue (83%)



- Red (87%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9457, 0.3207, 0.3213 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 63.9457, 0.3207, 0.3213 by changing the saturation by 10% instead.

■ 63.9457, 0.3207,
0.3213

■ 63.9457, 0.3207,
0.3213

438.9935, 0.3169,
0.3249

■ 46.6067, 0.3216,
0.3205

110.5327, 0.3194,
0.3226

■ 32.7248, 0.3227,
0.3194

140.5495, 0.3189,
0.3231

■ 21.9157, 0.3241,
0.3180

175.5611, 0.3184,
0.3235

■ 13.7950, 0.3260,
0.3162

215.9518, 0.3180,
0.3239

■ 7.9782, 0.3286,
0.3137

262.1059, 0.3177,
0.3242

■ 4.0810, 0.3325,
0.3100

314.4080, 0.3174,

■ 1.7190, 0.3390,

0.3245

0.3039

373.2424, 0.3172,
0.3247

0.4359, 0.3692,
0.2740

0.0000, 0.0000,
0.0000

63.9457, 0.3207,
0.3213

63.9457, 0.3207,
0.3213

53.4371, 0.3332,
0.3107

76.0197, 0.3105,
0.3313

44.4212, 0.3483,
0.2996

89.7113, 0.3021,
0.3406

36.8319, 0.3664,
0.2885

94.0213, 0.2949,
0.3328

30.5950, 0.3880,
0.2780

94.2626, 0.2929,
0.3289

■ 25.6293, 0.4130,
0.2690

■ 21.8450, 0.4410,
0.2626

■ 19.1405, 0.4711,
0.2602

■ 17.3962, 0.5013,
0.2628

■ 16.4495, 0.5298,
0.2707

Harmonies

Analogous

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



63.9457, 0.3117, 0.3157



63.9457, 0.3207, 0.3213



63.9457, 0.3277, 0.3289

Triad

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



63.9457, 0.3207, 0.3213



63.9457, 0.3224, 0.3449



63.9457, 0.2952, 0.3210

Complementary

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



63.9457, 0.3207, 0.3213



70.1077, 0.3054, 0.3368

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.



63.9457, 0.2980, 0.3288



63.9457, 0.3207, 0.3213



63.9457, 0.3136, 0.3428

Square

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



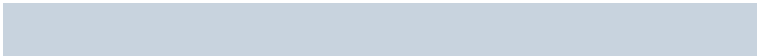
63.9457, 0.3207, 0.3213



63.9457, 0.3286, 0.3425



63.9457, 0.3047, 0.3369



63.9457, 0.2970, 0.3154

Rectangle

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



63.9457, 0.3207, 0.3213



63.9457, 0.3301, 0.3342



63.9457, 0.3047, 0.3369



63.9457, 0.2956, 0.3234

Sweetspot

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



63.9485, 0.3207, 0.3213



96.5970, 0.3147, 0.3270



63.3771, 0.3083, 0.3101



20.7114, 0.3146, 0.3271



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.



63.9485, 0.3207, 0.3213



85.3807, 0.3223, 0.3198



64.2833, 0.3256, 0.3306



13.7934, 0.3228, 0.3194



9.6955, 0.5326, 0.2708



0.6895, 0.4924, 0.2486

Inverse Universe

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



63.9485, 0.3207, 0.3213



85.3807, 0.3223, 0.3198



69.7266, 0.3010, 0.3274



13.7934, 0.3228, 0.3194



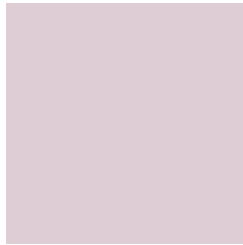
9.6955, 0.5326, 0.2708



0.6895, 0.4924, 0.2486

Previews

White Background



This preview shows how the Yxy color 63.9457, 0.3207, 0.3213 looks on a white background.

Color Contrast Check

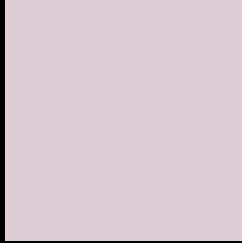
Large Text (above 18pt) WCAG AA × Fail

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 63.9457, 0.3207, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

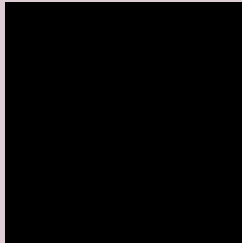
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

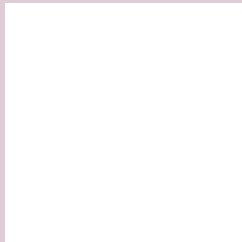
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9457, 0.3207, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 63.9457, 0.3207, 0.3213.



This preview shows how white text looks on a background with the Yxy color 63.9457, 0.3207, 0.3213.

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

63.9457, 0.3207, 0.3213

Protanopia

63.9638, 0.3115, 0.3222

Deuteranopia

63.9593, 0.3255, 0.3192



Tritanopia

64.0410, 0.3158, 0.3114

Trichromacy



Original Color

63.9457, 0.3207, 0.3213

Protanomaly

64.0287, 0.3153, 0.3223

Deuteranomaly

64.1079, 0.3239, 0.3202

Tritanomaly

63.8835, 0.3180, 0.3147

Monochromacy



Original Color

63.9457, 0.3207, 0.3213

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.7512, 0.3158, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9457, 0.3207, 0.3213 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(222, 205, 212)` looks like.

```
.text, #text, p{  
    color:rgb(222, 205, 212)  
}
```

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(222, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 205, 212) }
```

Border

The CSS property to change the border of an element to Yxy 63.9457, 0.3207, 0.3213 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(222, 205, 212) }
```

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

```
.border{ border-color:rgb(222, 205, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 205, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(222, 205,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9457, 0.3207, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 205, 212) }
```

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

```
.background{ background-color: rgb(222,  
205, 212) }
```

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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