

Converting Colors

Yxy(63.4915, 0.3351, 0.3243)

Have a look what the booklet for
Yxy(63.4915, 0.3351, 0.3243)
contains.

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Color

Yxy(63.5047, 0.3350, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E9C9CD
RGB	233, 201, 205
RGB Percent	91%, 79%, 80%
CMY	0.0861, 0.2118, 0.1961
CMYK	0.00, 0.14, 0.12, 0.09
HSL	353°, 42%, 85%
HSV	353°, 14%, 91%
XYZ	65.5192, 63.5047, 66.5557
YIQ	211.0240, 17.7880, 8.0280

Conversions

Conversions Part 2

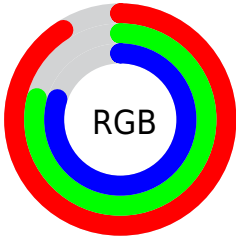
Format	Color
R _Y B	233, 201, 205
Decimal	15321549
CIE Lab	83.71, 11.91, 2.17
CIE LCh	84, 12.110, 10.341
Yxy	63.5047, 0.3350, 0.3247
Android (android.graphics.Color)	4293511629 (0xFFE9C9CD)
YUV	211.0240, -2.9698, 19.2730
Hunter-Lab	79.6898, 7.3014, 6.2648

Details

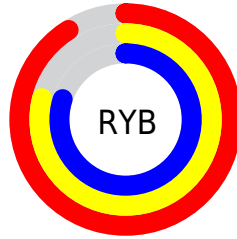
The Yxy color **63.5047, 0.3350, 0.3247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3771, 0.2941, 0.3334**, and the grayscale version is **65.1730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4489, 0.3403, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **52.5330, 0.3560, 0.3214**, and if you desaturate by 10%, it is **76.2586, 0.3181, 0.3279**.

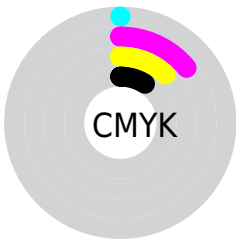
Distribution



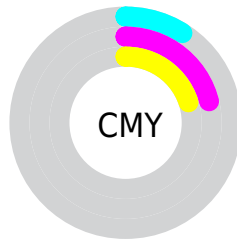
- Red (91%)
- Green (79%)
- Blue (80%)



- Red (91%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (9%)




- Cyan (9%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5047, 0.3350, 0.3247 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 63.5047, 0.3350, 0.3247 by changing the saturation by 10% instead.


 63.5047, 0.3350,
0.3247

 63.5047, 0.3350,
0.3247

437.3988, 0.3244,
0.3268

 46.2496, 0.3375,
0.3242

109.8973, 0.3313,
0.3255

 32.4429, 0.3406,
0.3235


139.8036, 0.3298,
0.3257

 21.7000, 0.3447,
0.3227


174.6959, 0.3286,
0.3260

 13.6366, 0.3501,
0.3215

214.9583, 0.3275,
0.3262

 7.8684, 0.3576,
0.3199

260.9755, 0.3266,
0.3264

 4.0108, 0.3691,
0.3173

313.1317, 0.3258,

 1.6796, 0.3882,

0.3265

0.3128

371.8113, 0.3250,
0.3267

0.4104, 0.4912,
0.2961

0.0000, 0.0000,
0.0000

63.5047, 0.3350,
0.3247

63.5047, 0.3350,
0.3247

52.5330, 0.3560,
0.3214

76.2586, 0.3181,
0.3279

43.2562, 0.3819,
0.3180

90.8604, 0.3046,
0.3308

35.5922, 0.4136,
0.3148

96.0706, 0.2994,
0.3290

29.4487, 0.4512,
0.3122

■ 24.7242, 0.4938,
0.3109

■ 21.3046, 0.5384,
0.3114

■ 19.0583, 0.5800,
0.3142

■ 17.8258, 0.6125,
0.3193

■ 17.4197, 0.6266,
0.3225

Harmonies

Analogous

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



63.5047, 0.3217, 0.3129



63.5047, 0.3350, 0.3247



63.5047, 0.3423, 0.3379

Triad

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



63.5047, 0.3350, 0.3247



63.5047, 0.3187, 0.3543



63.5047, 0.2847, 0.3083

Complementary

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



63.5047, 0.3350, 0.3247



76.3771, 0.2941, 0.3334

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.



63.5047, 0.2840, 0.3190



63.5047, 0.3350, 0.3247



63.5047, 0.3034, 0.3460

Square

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



63.5047, 0.3350, 0.3247



63.5047, 0.3327, 0.3554



63.5047, 0.2908, 0.3329



63.5047, 0.2928, 0.3034

Rectangle

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



63.5047, 0.3350, 0.3247



63.5047, 0.3426, 0.3458



63.5047, 0.2908, 0.3329



63.5047, 0.2837, 0.3113

Sweetspot

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



63.5075, 0.3350, 0.3247



93.1022, 0.3186, 0.3278



64.2750, 0.3111, 0.2948



19.6588, 0.3197, 0.3276



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.



63.5075, 0.3350, 0.3247



73.1850, 0.3415, 0.3236



69.0068, 0.3363, 0.3418



15.0846, 0.3273, 0.3261



9.8900, 0.6241, 0.3212



0.7865, 0.5938, 0.3045

Inverse Universe

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



63.5075, 0.3350, 0.3247



73.1850, 0.3415, 0.3236



70.1681, 0.2914, 0.3159



15.0846, 0.3273, 0.3261



9.8900, 0.6241, 0.3212



0.7865, 0.5938, 0.3045

Previews

White Background



This preview shows how the Yxy color 63.5047, 0.3350, 0.3247 looks on a white background.

Color Contrast Check

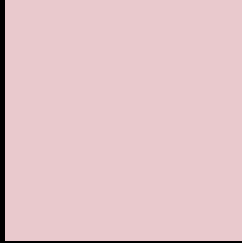
Large Text (above 18pt) WCAG AA × Fail

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 63.5047, 0.3350, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

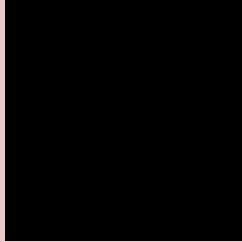
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.5047, 0.3350, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 63.5047, 0.3350, 0.3247.



This preview shows how white text looks on a background with the Yxy color 63.5047, 0.3350, 0.3247.

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

63.5047, 0.3350, 0.3247

Protanopia

63.7122, 0.3150, 0.3279

Deuteranopia

63.4718, 0.3324, 0.3258



Tritanopia

63.2456, 0.3284, 0.3118

Trichromacy



Original Color

63.5047, 0.3350, 0.3247

Protanomaly

63.4324, 0.3221, 0.3257

Deuteranomaly

63.6378, 0.3332, 0.3258

Tritanomaly

63.5041, 0.3313, 0.3171

Monochromacy



Original Color

63.5047, 0.3350, 0.3247

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.2892, 0.3204, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5047, 0.3350, 0.3247 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(233, 201, 205)` looks like.

```
.text, #text, p{  
    color:rgb(233, 201, 205)  
}
```

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(233, 201, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 201, 205) }
```

Border

The CSS property to change the border of an element to Yxy 63.5047, 0.3350, 0.3247 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(233, 201, 205) }
```

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

```
.border{ border-color:rgb(233, 201, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 201, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(233, 201,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5047, 0.3350, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 201, 205) }
```

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

```
.background{ background-color: rgb(233,  
201, 205) }
```

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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