

Converting Colors

Yxy(63.7498, 0.3334, 0.3158)

Have a look what the booklet for
Yxy(63.7498, 0.3334, 0.3158)
contains.

Yxy(63.6048, 0.3331, 0.3151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.6048, 0.3331, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	EDC7D4
RGB	237, 199, 212
RGB Percent	93%, 78%, 83%
CMY	0.0705, 0.2196, 0.1687
CMYK	0.00, 0.16, 0.11, 0.07
HSL	340°, 51%, 85%
HSV	340°, 16%, 93%
XYZ	67.2382, 63.6048, 71.0129
YIQ	211.8440, 18.4750, 12.0990

Conversions

Conversions Part 2

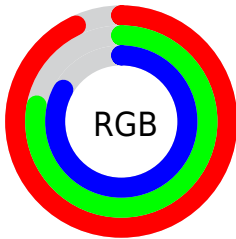
Format	Color
R _Y B	237, 199, 212
Decimal	15583188
CIE Lab	83.76, 15.52, -1.44
CIE LCh	84, 15.584, 354.686
Yxy	63.6048, 0.3331, 0.3151
Android (android.graphics.Color)	4293773268 (0xFFEDC7D4)
YUV	211.8440, 0.0769, 22.0618
Hunter-Lab	79.7526, 10.9235, 3.0341

Details

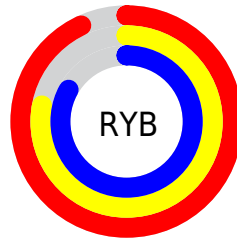
The Yxy color **63.6048, 0.3331, 0.3151** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1112, 0.2959, 0.3434**, and the grayscale version is **65.7226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.5089, 0.3388, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **52.7869, 0.3496, 0.3059**, and if you desaturate by 10%, it is **76.2033, 0.3196, 0.3239**.

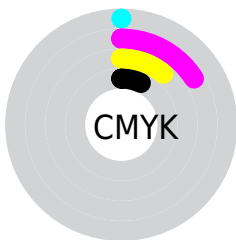
Distribution



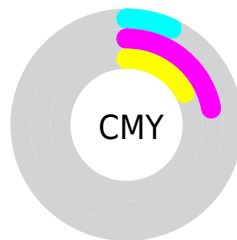
- Red (93%)
- Green (78%)
- Blue (83%)



- Red (93%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (7%)




- Cyan (7%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6048, 0.3331, 0.3151 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 63.6048, 0.3331, 0.3151 by changing the saturation by 10% instead.

 63.6048, 0.3331,
0.3151

 63.6048, 0.3331,
0.3151

437.7611, 0.3235,
0.3217

 46.3307, 0.3354,
0.3136


110.0416, 0.3297,
0.3174

 32.5068, 0.3382,
0.3117


139.9730, 0.3284,
0.3183

 21.7489, 0.3418,
0.3092

174.8923, 0.3273,
0.3190

 13.6725, 0.3466,
0.3060

215.1840, 0.3263,
0.3197

 7.8933, 0.3534,
0.3015

261.2322, 0.3255,
0.3203

 4.0267, 0.3634,
0.2948

313.4216, 0.3247,

 1.6885, 0.3801,

0.3208

0.2839

372.1364, 0.3241,
0.3213

0.4162, 0.4439,
0.2386

0.0000, 0.0000,
0.0000

63.6048, 0.3331,
0.3151

63.6048, 0.3331,
0.3151

52.7869, 0.3496,
0.3059

76.2033, 0.3196,
0.3239

43.6604, 0.3696,
0.2965

90.6492, 0.3086,
0.3322

36.1415, 0.3936,
0.2877

96.7497, 0.3018,
0.3290

30.1356, 0.4217,
0.2800

■ 25.5379, 0.4535,
0.2748

■ 22.2306, 0.4877,
0.2732

■ 20.0759, 0.5220,
0.2764

■ 18.9037, 0.5534,
0.2846

■ 18.6035, 0.5649,
0.2885

Harmonies

Analogous

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



63.6048, 0.3137, 0.3024



63.6048, 0.3331, 0.3151



63.6048, 0.3472, 0.3314

Triad

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



63.6048, 0.3331, 0.3151



63.6048, 0.3302, 0.3637



63.6048, 0.2752, 0.3086

Complementary

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



63.6048, 0.3331, 0.3151



78.1112, 0.2959, 0.3434

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.



63.6048, 0.2794, 0.3250



63.6048, 0.3331, 0.3151



63.6048, 0.3108, 0.3578

Square

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



63.6048, 0.3331, 0.3151



63.6048, 0.3453, 0.3597



63.6048, 0.2922, 0.3433



63.6048, 0.2807, 0.2983

Rectangle

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



63.6048, 0.3331, 0.3151



63.6048, 0.3514, 0.3425



63.6048, 0.2922, 0.3433



63.6048, 0.2756, 0.3135

Sweetspot

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



63.6076, 0.3331, 0.3151



91.6043, 0.3184, 0.3248



62.7634, 0.3046, 0.2881



19.3641, 0.3192, 0.3242



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.



63.6076, 0.3331, 0.3151



71.0011, 0.3377, 0.3123



65.6528, 0.3422, 0.3353



15.1390, 0.3239, 0.3210



10.1760, 0.5606, 0.2862



0.8165, 0.5218, 0.2648

Inverse Universe

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



63.6076, 0.3331, 0.3151



71.0011, 0.3377, 0.3123



75.5917, 0.2882, 0.3227



15.1390, 0.3239, 0.3210



10.1760, 0.5606, 0.2862



0.8165, 0.5218, 0.2648

Previews

White Background



This preview shows how the Yxy color 63.6048, 0.3331, 0.3151 looks on a white background.

Color Contrast Check

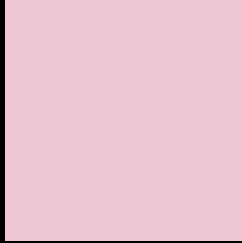
Large Text (above 18pt) WCAG AA × Fail

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 63.6048, 0.3331, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

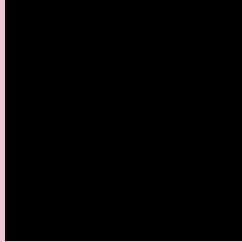
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6048, 0.3331, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 63.6048, 0.3331, 0.3151.



This preview shows how white text looks on a background with the Yxy color 63.6048, 0.3331, 0.3151.

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

63.6048, 0.3331, 0.3151

Protanopia

63.8231, 0.3080, 0.3188

Deuteranopia

63.4382, 0.3264, 0.3192



Tritanopia

63.7064, 0.3315, 0.3130

Trichromacy



Original Color

63.6048, 0.3331, 0.3151

Protanomaly

63.7846, 0.3170, 0.3179

Deuteranomaly

63.4654, 0.3288, 0.3181

Tritanomaly

63.6555, 0.3323, 0.3140

Monochromacy



Original Color

63.6048, 0.3331, 0.3151

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.7513, 0.3198, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6048, 0.3331, 0.3151 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(237, 199, 212)` looks like.

```
.text, #text, p{  
    color:rgb(237, 199, 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(237, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 199, 212) }
```

Border

The CSS property to change the border of an element to Yxy 63.6048, 0.3331, 0.3151 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(237, 199, 212) }
```

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

```
.border{ border-color:rgb(237, 199, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 199, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 199, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 199, 212);  
box-shadow:4px 4px 4px 4px rgb(237, 199,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6048, 0.3331, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 199, 212) }
```

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

```
.background{ background-color: rgb(237,  
199, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor