

Converting Colors

Yxy(63.2508, 0.3146, 0.2853)

Have a look what the booklet for
Yxy(63.2508, 0.3146, 0.2853)
contains.

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Color

Yxy(63.1492, 0.3148, 0.2851)

Conversions

Conversions Part 1

Format	Color
Hex	EDC3ED
RGB	237, 195, 237
RGB Percent	93%, 76%, 93%
CMY	0.0705, 0.2353, 0.0707
CMYK	0.00, 0.18, 0.00, 0.07
HSL	300°, 54%, 85%
HSV	300°, 18%, 93%
XYZ	69.7277, 63.1492, 88.6215
YIQ	212.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

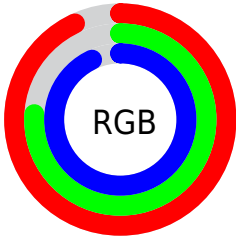
Format	Color
R _Y B	237, 195, 237
Decimal	15582189
CIE Lab	83.52, 21.98, -15.15
CIE LCh	84, 26.692, 325.427
Yxy	63.1492, 0.3148, 0.2851
Android (android.graphics.Color)	4293772269 (0xFFEDC3ED)
YUV	212.3460, 12.1544, 21.6216
Hunter-Lab	79.4665, 17.5582, -10.4941

Details

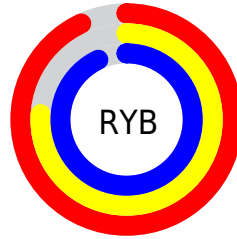
The Yxy color **63.1492, 0.3148, 0.2851** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.1215, 0.3104, 0.3772**, and the grayscale version is **65.9944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **32.2097, 0.3152, 0.2750** is the 20% darker color. If you saturate the color by 10%, you get **53.3592, 0.3160, 0.2601**, and if you desaturate by 10%, it is **74.6304, 0.3136, 0.3101**.

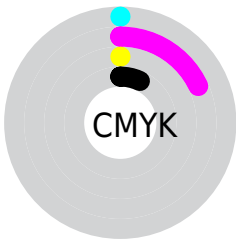
Distribution



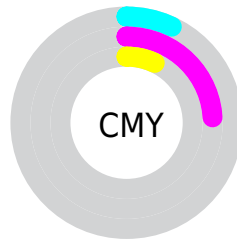
- Red (93%)
- Green (76%)
- Blue (93%)



- Red (93%)
- Yellow (76%)
- Blue (93%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)




- Cyan (7%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1492, 0.3148, 0.2851 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 63.1492, 0.3148, 0.2851 by changing the saturation by 10% instead.


 63.1492, 0.3148,
0.2851

 63.1492, 0.3148,
0.2851


436.1108, 0.3141,
0.3052

 45.9619, 0.3149,
0.2806


 109.3847, 0.3146,
0.2920

 32.2158, 0.3150,
0.2750


139.2018, 0.3145,
0.2947

 21.5264, 0.3150,
0.2680


173.9975, 0.3145,
0.2971

 13.5093, 0.3149,
0.2589

214.1564, 0.3144,
0.2991

 7.7802, 0.3147,
0.2468

260.0627, 0.3143,
0.3009

 3.9546, 0.3140,
0.2296

312.1010, 0.3142,

 1.6482, 0.3121,

0.3025

0.2036

370.6555, 0.3142,
0.3039

0.3898, 0.3155,
0.1353

0.0000, 0.0000,
0.0000

63.1492, 0.3148,
0.2851

63.1492, 0.3148,
0.2851

53.3592, 0.3160,
0.2601

74.6304, 0.3136,
0.3101

45.1729, 0.3171,
0.2359


87.8687, 0.3125,
0.3344


38.5072, 0.3182,
0.2135

95.6438, 0.3119,
0.3469

33.2685, 0.3192,
0.1938

95.6449, 0.3119,
0.3469


 29.3528, 0.3199,
0.1778


 95.6459, 0.3118,
0.3469

 26.6418, 0.3205,
0.1659


 95.6470, 0.3118,
0.3469


 24.9966, 0.3209,
0.1584

 95.6480, 0.3118,
0.3468

 24.2294, 0.3211,
0.1548

 95.6490, 0.3118,
0.3468

 24.1121, 0.3211,
0.1543

 95.6501, 0.3118,
0.3468

Harmonies

Analogous

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



63.1492, 0.2823, 0.2744



63.1492, 0.3148, 0.2851



63.1492, 0.3483, 0.3060

Triad

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



63.1492, 0.3148, 0.2851



63.1492, 0.3680, 0.3815



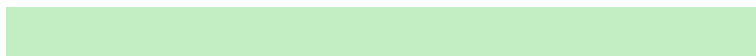
63.1492, 0.2560, 0.3204

Complementary

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



63.1492, 0.3148, 0.2851



76.1215, 0.3104, 0.3772

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.



63.1492, 0.2768, 0.3530



63.1492, 0.3148, 0.2851



63.1492, 0.3413, 0.3895

Square

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



63.1492, 0.3148, 0.2851



63.1492, 0.3799, 0.3602



63.1492, 0.3078, 0.3792



63.1492, 0.2498, 0.2927

Rectangle

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



63.1492, 0.3148, 0.2851



63.1492, 0.3662, 0.3235



63.1492, 0.3078, 0.3792



63.1492, 0.2615, 0.3312

Sweetspot

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



63.1519, 0.3148, 0.2851



92.1326, 0.3133, 0.3168



56.7490, 0.2835, 0.2808



19.4926, 0.3134, 0.3151



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.



63.1519, 0.3148, 0.2851



70.4608, 0.3152, 0.2767



61.9968, 0.3305, 0.3065



15.3136, 0.3138, 0.3058



13.1625, 0.3211, 0.1543



1.0336, 0.3211, 0.1542

Inverse Universe

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



63.1519, 0.3148, 0.2851



70.4608, 0.3152, 0.2767



77.1381, 0.2980, 0.3526



15.3136, 0.3138, 0.3058



13.1625, 0.3211, 0.1543



1.0336, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 63.1492, 0.3148, 0.2851 looks on a white background.

Color Contrast Check

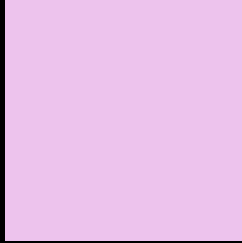
Large Text (above 18pt) WCAG AA × Fail

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 63.1492, 0.3148, 0.2851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

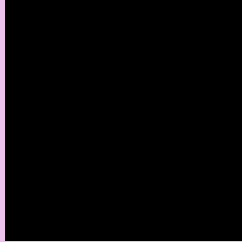
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1492, 0.3148, 0.2851

Background



This preview shows how black text looks on a background with the Yxy color 63.1492, 0.3148, 0.2851.



This preview shows how white text looks on a background with the Yxy color 63.1492, 0.3148, 0.2851.

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

63.1492, 0.3148, 0.2851

Protanopia

63.6357, 0.2834, 0.2868

Deuteranopia

63.3090, 0.3003, 0.2939



Tritanopia

63.1943, 0.3292, 0.3128

Trichromacy



Original Color

63.1492, 0.3148, 0.2851

Protanomaly

63.4188, 0.2942, 0.2865

Deuteranomaly

63.2120, 0.3055, 0.2902

Tritanomaly

63.3243, 0.3241, 0.3034

Monochromacy



Original Color

63.1492, 0.3148, 0.2851

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.7352, 0.3135, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1492, 0.3148, 0.2851 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, 195, 237)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 237)  
}
```

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, 195, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 237) }
```

Border

The CSS property to change the border of an element to Yxy 63.1492, 0.3148, 0.2851 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, 195, 237) }
```

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

```
.border{ border-color:rgb(237, 195, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 195, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 237);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1492, 0.3148, 0.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 237) }
```

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

```
.background{ background-color: rgb(237,  
195, 237) }
```

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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