

Converting Colors

Yxy(63.6124, 0.3134, 0.2841)

Have a look what the booklet for
Yxy(63.6124, 0.3134, 0.2841)
contains.

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Color

Yxy(63.7164, 0.3133, 0.2842)

Conversions

Conversions Part 1

Format	Color
Hex	EDC4EF
RGB	237, 196, 239
RGB Percent	93%, 77%, 94%
CMY	0.0706, 0.2313, 0.0628
CMYK	0.01, 0.18, 0.00, 0.06
HSL	297°, 57%, 85%
HSV	297°, 18%, 94%
XYZ	70.2405, 63.7164, 90.2387
YIQ	213.1610, 10.6330, 22.0650

Conversions

Conversions Part 2

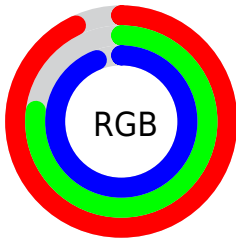
Format	Color
R _Y B	237, 196, 239
Decimal	15582447
CIE Lab	83.82, 21.80, -15.76
CIE LCh	84, 26.902, 324.131
Yxy	63.7164, 0.3133, 0.2842
Android (android.graphics.Color)	4293772527 (0xFFEDC4EF)
YUV	213.1610, 12.7386, 20.9068
Hunter-Lab	79.8226, 17.3830, -11.1511

Details

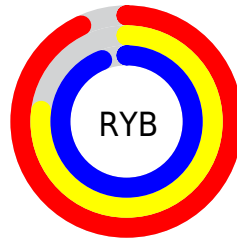
The Yxy color **63.7164, 0.3133, 0.2842** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.7101, 0.3117, 0.3778**, and the grayscale version is **66.5616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **32.5887, 0.3133, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **53.5934, 0.3135, 0.2588**, and if you desaturate by 10%, it is **75.5631, 0.3130, 0.3094**.

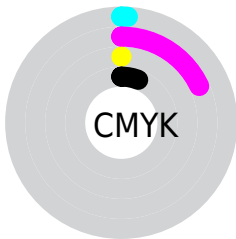
Distribution



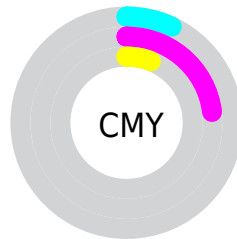
- Red (93%)
- Green (77%)
- Blue (94%)



- Red (93%)
- Yellow (77%)
- Blue (94%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7164, 0.3133, 0.2842 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 63.7164, 0.3133, 0.2842 by changing the saturation by 10% instead.

63.7164, 0.3133,
0.2842

63.7164, 0.3133,
0.2842

438.1648, 0.3133,
0.3047

46.4210, 0.3132,
0.2796

110.2024, 0.3134,
0.2912

32.5782, 0.3131,
0.2739

140.1618, 0.3134,
0.2940

21.8035, 0.3128,
0.2669

175.1113, 0.3134,
0.2964

13.7126, 0.3124,
0.2577

215.4354, 0.3134,
0.2985

7.9210, 0.3117,
0.2454

261.5184, 0.3134,
0.3003

4.0445, 0.3103,
0.2281

313.7447, 0.3134,

1.6985, 0.3073,

0.3019

372.4987, 0.3134,
0.3034

0.2020

0.4227, 0.3069,
0.1384

0.0000, 0.0000,
0.0000

63.7164, 0.3133,
0.2842

63.7164, 0.3133,
0.2842

53.5934, 0.3135,
0.2588

75.5631, 0.3130,
0.3094

45.1048, 0.3135,
0.2341


89.2010, 0.3126,
0.3338


38.1656, 0.3133,
0.2110


96.3287, 0.3128,
0.3449


32.6800, 0.3129,
0.1906

96.5225, 0.3135,
0.3448


 28.5415, 0.3123,
0.1737

 96.7175, 0.3142,
0.3448


 25.6292, 0.3115,
0.1610


 96.9136, 0.3149,
0.3448


 23.8003, 0.3105,
0.1527

 97.1109, 0.3155,
0.3447

 22.8587, 0.3095,
0.1484

 97.3094, 0.3162,
0.3447

 22.7174, 0.3092,
0.1477

 97.5091, 0.3169,
0.3447

Harmonies

Analogous

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



63.7164, 0.2809, 0.2740



63.7164, 0.3133, 0.2842



63.7164, 0.3472, 0.3048

Triad

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



63.7164, 0.3133, 0.2842



63.7164, 0.3691, 0.3810



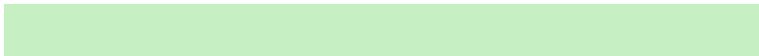
63.7164, 0.2564, 0.3217

Complementary

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



63.7164, 0.3133, 0.2842



77.7101, 0.3117, 0.3778

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.



63.7164, 0.2779, 0.3544



63.7164, 0.3133, 0.2842



63.7164, 0.3428, 0.3898

Square

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



63.7164, 0.3133, 0.2842



63.7164, 0.3803, 0.3592



63.7164, 0.3093, 0.3803



63.7164, 0.2494, 0.2935

Rectangle

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



63.7164, 0.3133, 0.2842



63.7164, 0.3655, 0.3223



63.7164, 0.3093, 0.3803



63.7164, 0.2621, 0.3327

Sweetspot

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



63.7192, 0.3133, 0.2842



92.0218, 0.3129, 0.3168



58.4289, 0.2832, 0.2825



19.4656, 0.3129, 0.3150



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.



63.7192, 0.3133, 0.2842



68.7935, 0.3134, 0.2738



62.9799, 0.3292, 0.3039



15.9921, 0.3131, 0.3057



12.5733, 0.3094, 0.1478



1.0574, 0.3110, 0.1487

Inverse Universe

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



61.9084, 0.3460, 0.3270



66.3009, 0.3557, 0.3265



78.3807, 0.2990, 0.3555



15.7706, 0.3286, 0.3280



10.1596, 0.6352, 0.3273



0.8493, 0.6226, 0.3203

Previews

White Background



This preview shows how the Yxy color 63.7164, 0.3133, 0.2842 looks on a white background.

Color Contrast Check

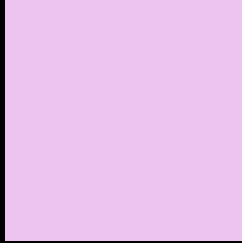
Large Text (above 18pt) WCAG AA × Fail

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 63.7164, 0.3133, 0.2842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

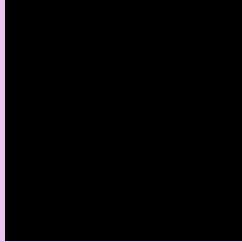
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7164, 0.3133, 0.2842

Background



This preview shows how black text looks on a background with the Yxy color 63.7164, 0.3133, 0.2842.



This preview shows how white text looks on a background with the Yxy color 63.7164, 0.3133, 0.2842.

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

63.7164, 0.3133, 0.2842

Protanopia

63.6970, 0.2828, 0.2858

Deuteranopia

63.8991, 0.2989, 0.2930



Tritanopia

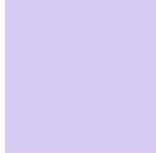
63.7588, 0.3276, 0.3118

Trichromacy



Original Color

63.7164, 0.3133, 0.2842



Protanomaly

63.4791, 0.2935, 0.2855



Deuteranomaly

63.7936, 0.3041, 0.2893



Tritanomaly

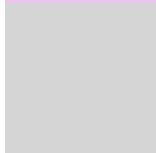
63.8908, 0.3225, 0.3024

Monochromacy



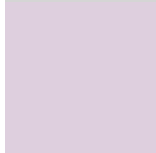
Original Color

63.7164, 0.3133, 0.2842



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

65.4292, 0.3135, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7164, 0.3133, 0.2842 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, 196, 239)` looks like.

```
.text, #text, p{  
    color:rgb(237, 196, 239)  
}
```

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, 196, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 196, 239) }
```

Border

The CSS property to change the border of an element to Yxy 63.7164, 0.3133, 0.2842 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, 196, 239) }
```

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

```
.border{ border-color:rgb(237, 196, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 196, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 196, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 196, 239);  
box-shadow:4px 4px 4px 4px rgb(237, 196,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7164, 0.3133, 0.2842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 196, 239) }
```

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

```
.background{ background-color: rgb(237,  
196, 239) }
```

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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