

Converting Colors

Yxy(63.7551, 0.3181, 0.2828)

Have a look what the booklet for
Yxy(63.7551, 0.3181, 0.2828)
contains.

Yxy(63.8703, 0.3180, 0.2827)	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(63.8703, 0.3180, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	F3C2EF
RGB	243, 194, 239
RGB Percent	95%, 76%, 94%
CMY	0.0469, 0.2393, 0.0627
CMYK	0.00, 0.20, 0.02, 0.05
HSL	305°, 67%, 86%
HSV	305°, 20%, 95%
XYZ	71.8456, 63.8703, 90.2137
YIQ	213.7810, 14.7590, 24.3830

Conversions

Conversions Part 2

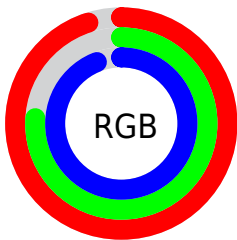
Format	Color
R _Y B	243, 194, 239
Decimal	15975151
CIE Lab	83.90, 24.87, -15.61
CIE LCh	84, 29.363, 327.891
Yxy	63.8703, 0.3180, 0.2827
Android (android.graphics.Color)	4294165231 (0xFFFF3C2EF)
YUV	213.7810, 12.4330, 25.6251
Hunter-Lab	79.9189, 20.6101, -10.9842

Details

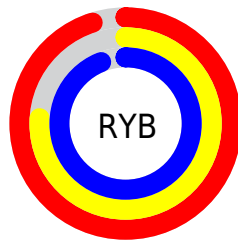
The Yxy color **63.8703, 0.3180, 0.2827** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.6711, 0.3078, 0.3801**, and the grayscale version is **67.0017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.6142, 0.3185, 0.2721** is the 20% darker color. If you saturate the color by 10%, you get **53.8087, 0.3210, 0.2594**, and if you desaturate by 10%, it is **75.7079, 0.3152, 0.3060**.

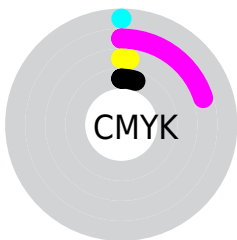
Distribution



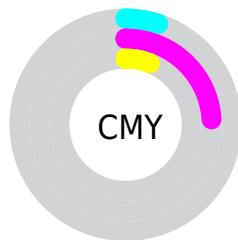
- Red (95%)
- Green (76%)
- Blue (94%)



- Red (95%)
- Yellow (76%)
- Blue (94%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8703, 0.3180, 0.2827 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 63.8703, 0.3180, 0.2827 by changing the saturation by 10% instead.

 63.8703, 0.3180,
0.2827

 63.8703, 0.3180,
0.2827


438.7211, 0.3159,
0.3038

 46.5456, 0.3184,
0.2780


 110.4241, 0.3173,
0.2899

 32.6766, 0.3189,
0.2722


140.4221, 0.3170,
0.2928

 21.8788, 0.3194,
0.2649


175.4132, 0.3168,
0.2952

 13.7679, 0.3201,
0.2555

215.7820, 0.3166,
0.2974

 7.9594, 0.3207,
0.2430

261.9128, 0.3164,
0.2993

 4.0690, 0.3213,
0.2254

314.1900, 0.3162,

 1.7122, 0.3214,

0.3009

0.1992

372.9980, 0.3160,
0.3024

0.4316, 0.3265,
0.1368

0.0000, 0.0000,
0.0000

63.8703, 0.3180,
0.2827

63.8703, 0.3180,
0.2827

53.8087, 0.3210,
0.2594

75.7079, 0.3152,
0.3060

45.4287, 0.3243,
0.2370

89.3930, 0.3128,
0.3286

38.6401, 0.3276,
0.2163

97.1744, 0.3110,
0.3388

33.3408, 0.3310,
0.1983

97.2969, 0.3099,
0.3368

■ 29.4169, 0.3344,
0.1840

■ 97.4207, 0.3088,
0.3349

■ 26.7380, 0.3376,
0.1739

■ 97.5458, 0.3076,
0.3329

■ 25.1486, 0.3405,
0.1682

■ 97.6723, 0.3065,
0.3309

■ 24.3948, 0.3431,
0.1664

■ 97.8001, 0.3054,
0.3290

■ 97.8019, 0.3054,
0.3290

Harmonies

Analogous

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



63.8703, 0.2820, 0.2700



63.8703, 0.3180, 0.2827



63.8703, 0.3545, 0.3060

Triad

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



63.8703, 0.3180, 0.2827



63.8703, 0.3713, 0.3877



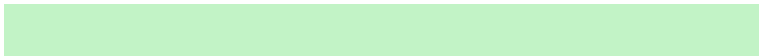
63.8703, 0.2497, 0.3165

Complementary

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



63.8703, 0.3180, 0.2827



79.6711, 0.3078, 0.3801

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.



63.8703, 0.2710, 0.3524



63.8703, 0.3180, 0.2827



63.8703, 0.3409, 0.3953

Square

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



63.8703, 0.3180, 0.2827



63.8703, 0.3860, 0.3650



63.8703, 0.3042, 0.3826



63.8703, 0.2443, 0.2871

Rectangle

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



63.8703, 0.3180, 0.2827



63.8703, 0.3733, 0.3253



63.8703, 0.3042, 0.3826



63.8703, 0.2551, 0.3283

Sweetspot

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



63.8731, 0.3180, 0.2827



90.5431, 0.3142, 0.3155



56.9570, 0.2812, 0.2735



19.1695, 0.3143, 0.3140



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.



63.8731, 0.3180, 0.2827



66.6553, 0.3191, 0.2736



62.5591, 0.3360, 0.3066



16.7435, 0.3151, 0.3076



13.3934, 0.3427, 0.1661



1.1840, 0.3396, 0.1645

Inverse Universe

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



63.8731, 0.3180, 0.2827



66.6553, 0.3191, 0.2736



80.8556, 0.2942, 0.3526



16.7435, 0.3151, 0.3076



13.3934, 0.3427, 0.1661



1.1840, 0.3396, 0.1645

Previews

White Background



This preview shows how the Yxy color 63.8703, 0.3180, 0.2827 looks on a white background.

Color Contrast Check

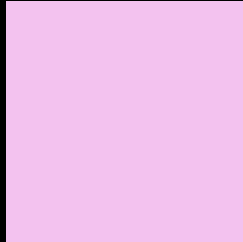
Large Text (above 18pt) WCAG AA × Fail

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 63.8703, 0.3180, 0.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

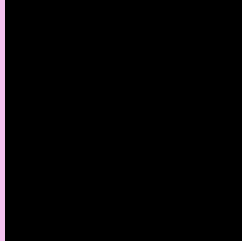
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8703, 0.3180, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 63.8703, 0.3180, 0.2827.



This preview shows how white text looks on a background with the Yxy color 63.8703, 0.3180, 0.2827.

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

63.8703, 0.3180, 0.2827

Protanopia

64.3066, 0.2817, 0.2848

Deuteranopia

64.0519, 0.2996, 0.2930



Tritanopia

63.7685, 0.3340, 0.3120

Trichromacy



Original Color

63.8703, 0.3180, 0.2827



Protanomaly

63.9034, 0.2936, 0.2836



Deuteranomaly

63.6504, 0.3056, 0.2884



Tritanomaly

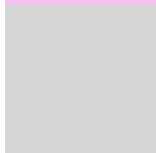
63.9610, 0.3281, 0.3017

Monochromacy



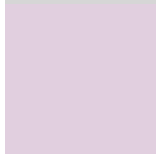
Original Color

63.8703, 0.3180, 0.2827



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.9609, 0.3150, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8703, 0.3180, 0.2827 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(243, 194, 239)` looks like.

```
.text, #text, p{  
    color:rgb(243, 194, 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(243, 194, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 194, 239) }
```

Border

The CSS property to change the border of an element to Yxy 63.8703, 0.3180, 0.2827 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(243, 194, 239) }
```

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

```
.border{ border-color:rgb(243, 194, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 194, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 194, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 194, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 194,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8703, 0.3180, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 194, 239) }
```

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

```
.background{ background-color: rgb(243,  
194, 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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