

Converting Colors

Yxy(61.1570, 0.3195, 0.2779)

Have a look what the booklet for
Yxy(61.1570, 0.3195, 0.2779)
contains.

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Color

Yxy(61.1356, 0.3198, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	F3BCED
RGB	243, 188, 237
RGB Percent	95%, 74%, 93%
CMY	0.0472, 0.2627, 0.0705
CMYK	0.00, 0.23, 0.02, 0.05
HSL	307°, 70%, 85%
HSV	307°, 23%, 95%
XYZ	70.2269, 61.1356, 88.2338
YIQ	210.0310, 17.0510, 26.8990

Conversions

Conversions Part 2

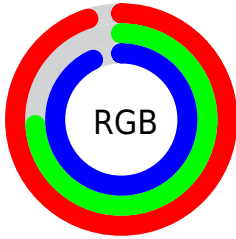
Format	Color
R _Y B	243, 188, 237
Decimal	15973613
CIE Lab	82.45, 27.66, -16.72
CIE LCh	82, 32.320, 328.853
Yxy	61.1356, 0.3198, 0.2784
Android (android.graphics.Color)	4294163693 (0xFFF3BCED)
YUV	210.0310, 13.2957, 28.9138
Hunter-Lab	78.1893, 23.4913, -12.1742

Details

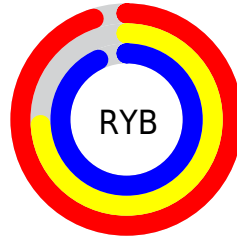
The Yxy color **61.1356, 0.3198, 0.2784** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.6732, 0.3063, 0.3855**, and the grayscale version is **64.3741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **30.8255, 0.3209, 0.2665** is the 20% darker color. If you saturate the color by 10%, you get **51.4626, 0.3235, 0.2558**, and if you desaturate by 10%, it is **72.5638, 0.3164, 0.3011**.

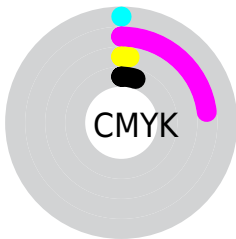
Distribution



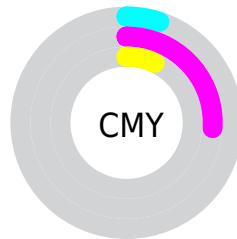
- Red (95%)
- Green (74%)
- Blue (93%)



- Red (95%)
- Yellow (74%)
- Blue (93%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1356, 0.3198, 0.2784 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 61.1356, 0.3198, 0.2784 by changing the saturation by 10% instead.


 61.1356, 0.3198,
0.2784

 61.1356, 0.3198,
0.2784

428.7710, 0.3169,
0.3015

 44.3346, 0.3204,
0.2732

 106.4753, 0.3188,
0.2864

 30.9337, 0.3211,
0.2668

135.7827, 0.3185,
0.2895

 20.5483, 0.3219,
0.2588


170.0278, 0.3181,
0.2922

 12.7943, 0.3228,
0.2485

209.5948, 0.3178,
0.2945

 7.2870, 0.3238,
0.2346

254.8683, 0.3175,
0.2966

 3.6422, 0.3249,
0.2152

306.2325, 0.3173,

 1.4755, 0.3256,

0.2984

0.1861

364.0720, 0.3171,
0.3000

0.2714, 0.3389,
0.0982

0.0000, 0.0000,
0.0000

61.1356, 0.3198,
0.2784

61.1356, 0.3198,
0.2784

51.4626, 0.3235,
0.2558

72.5638, 0.3164,
0.3011

43.4493, 0.3275,
0.2341

85.8205, 0.3134,
0.3233

37.0034, 0.3317,
0.2144

97.1579, 0.3111,
0.3389

32.0202, 0.3360,
0.1975

97.3198, 0.3095,
0.3363

■ 28.3824, 0.3403,
0.1844

■ 97.4840, 0.3081,
0.3337

■ 25.9548, 0.3444,
0.1757

■ 97.6505, 0.3066,
0.3311

■ 24.5735, 0.3482,
0.1715

■ 97.7903, 0.3053,
0.3290

■ 24.0416, 0.3508,
0.1706

Harmonies

Analogous

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



61.1356, 0.2796, 0.2639



61.1356, 0.3198, 0.2784



61.1356, 0.3605, 0.3043

Triad

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



61.1356, 0.3198, 0.2784



61.1356, 0.3770, 0.3948



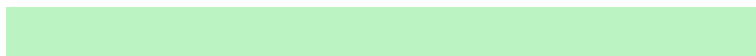
61.1356, 0.2422, 0.3135

Complementary

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



61.1356, 0.3198, 0.2784



78.6732, 0.3063, 0.3855

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.



61.1356, 0.2652, 0.3539



61.1356, 0.3198, 0.2784



61.1356, 0.3426, 0.4033

Square

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



61.1356, 0.3198, 0.2784



61.1356, 0.3944, 0.3696



61.1356, 0.3016, 0.3885



61.1356, 0.2370, 0.2813

Rectangle

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



61.1356, 0.3198, 0.2784



61.1356, 0.3813, 0.3256



61.1356, 0.3016, 0.3885



61.1356, 0.2480, 0.3266

Sweetspot

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



61.1383, 0.3198, 0.2784



89.0113, 0.3147, 0.3137



53.8466, 0.2782, 0.2661



18.8597, 0.3149, 0.3123



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.



61.1383, 0.3198, 0.2784



63.1898, 0.3214, 0.2683



59.6758, 0.3410, 0.3057



16.7355, 0.3155, 0.3082



13.2103, 0.3503, 0.1703



1.1697, 0.3461, 0.1680

Inverse Universe

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



61.1383, 0.3198, 0.2784



63.1898, 0.3214, 0.2683



79.9995, 0.2910, 0.3537



16.7355, 0.3155, 0.3082



13.2103, 0.3503, 0.1703



1.1697, 0.3461, 0.1680

Previews

White Background



This preview shows how the Yxy color 61.1356, 0.3198, 0.2784 looks on a white background.

Color Contrast Check

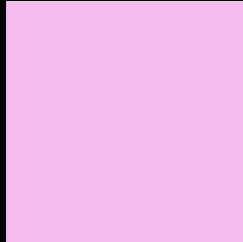
Large Text (above 18pt) WCAG AA × Fail

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 61.1356, 0.3198, 0.2784 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 61.1356, 0.3198, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 61.1356, 0.3198, 0.2784.

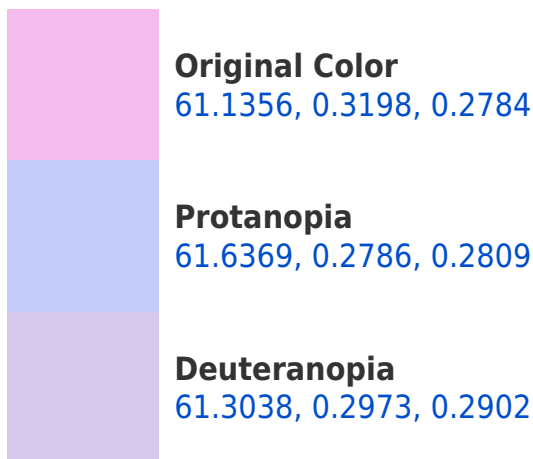


This preview shows how white text looks on a background with the Yxy color 61.1356, 0.3198, 0.2784.

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





Tritanopia

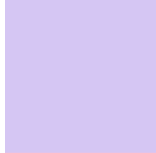
61.0447, 0.3386, 0.3129

Trichromacy



Original Color

61.1356, 0.3198, 0.2784



Protanomaly

61.0054, 0.2927, 0.2798



Deuteranomaly

61.2240, 0.3048, 0.2857



Tritanomaly

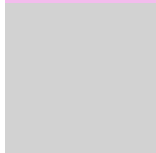
60.9013, 0.3310, 0.2993

Monochromacy



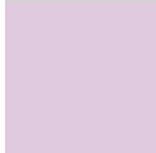
Original Color

61.1356, 0.3198, 0.2784



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.9380, 0.3152, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1356, 0.3198, 0.2784 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, 188, 237)` looks like.

```
.text, #text, p{  
    color:rgb(243, 188, 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(243, 188, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 188, 237) }
```

Border

The CSS property to change the border of an element to Yxy 61.1356, 0.3198, 0.2784 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, 188, 237) }
```

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

```
.border{ border-color:rgb(243, 188, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 188, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 188, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 188, 237);  
box-shadow:4px 4px 4px 4px rgb(243, 188,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1356, 0.3198, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 188, 237) }
```

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

```
.background{ background-color: rgb(243,  
188, 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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