

Converting Colors

Yxy(57.6909, 0.3179, 0.2689)

Have a look what the booklet for
Yxy(57.6909, 0.3179, 0.2689)
contains.

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Color

Yxy(57.5163, 0.3180, 0.2688)

Conversions

Conversions Part 1

Format	Color
Hex	F1B4EE
RGB	241, 180, 238
RGB Percent	95%, 71%, 93%
CMY	0.0547, 0.2942, 0.0666
CMYK	0.00, 0.25, 0.01, 0.05
HSL	303°, 69%, 83%
HSV	303°, 25%, 95%
XYZ	68.0438, 57.5163, 88.4142
YIQ	204.8510, 17.7380, 30.9700

Conversions

Conversions Part 2

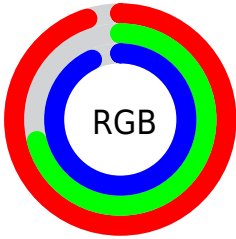
Format	Color
R _Y B	241, 180, 238
Decimal	15840494
CIE Lab	80.47, 31.47, -20.26
CIE LCh	80, 37.431, 327.226
Yxy	57.5163, 0.3180, 0.2688
Android (android.graphics.Color)	4294030574 (0xFFFF1B4EE)
YUV	204.8510, 16.3425, 31.7027
Hunter-Lab	75.8395, 27.4326, -16.0330

Details

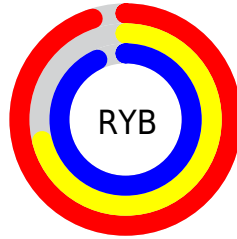
The Yxy color **57.5163, 0.3180, 0.2688** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.0623, 0.3076, 0.3976**, and the grayscale version is **60.8399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **28.7465, 0.3183, 0.2556** is the 20% darker color. If you saturate the color by 10%, you get **48.5489, 0.3203, 0.2452**, and if you desaturate by 10%, it is **68.1815, 0.3158, 0.2929**.

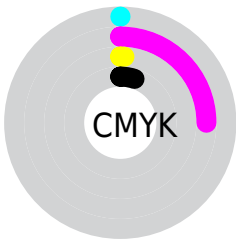
Distribution



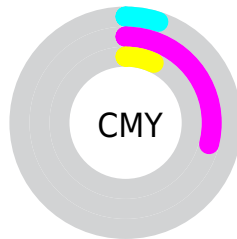
- Red (95%)
- Green (71%)
- Blue (93%)



- Red (95%)
- Yellow (71%)
- Blue (93%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5163, 0.3180, 0.2688 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 57.5163, 0.3180, 0.2688 by changing the saturation by 10% instead.

 57.5163, 0.3180,
0.2688

 57.5163, 0.3180,
0.2688


415.3811, 0.3161,
0.2963

 41.4199, 0.3183,
0.2626


 101.2181, 0.3174,
0.2783

 28.6473, 0.3186,
0.2550


129.5924, 0.3172,
0.2820

 18.8142, 0.3190,
0.2455


162.8280, 0.3169,
0.2852

 11.5361, 0.3192,
0.2332


201.3095, 0.3167,
0.2880

 6.4286, 0.3192,
0.2167

245.4211, 0.3165,
0.2905

 3.1074, 0.3184,
0.1938

295.5473, 0.3164,

 1.1881, 0.3157,

0.2926

0.1599

352.0726, 0.3162,
0.2946

0.0519, 0.3355,
0.0213

0.0000, 0.0000,
0.0000

57.5163, 0.3180,
0.2688

57.5163, 0.3180,
0.2688

48.5489, 0.3203,
0.2452

68.1815, 0.3158,
0.2929

41.1842, 0.3228,
0.2230

80.6182, 0.3137,
0.3166

35.3292, 0.3252,
0.2032

94.9050, 0.3119,
0.3396

30.8782, 0.3275,
0.1867

96.6896, 0.3111,
0.3410

■ 27.7121, 0.3297,
0.1742

■ 96.7622, 0.3104,
0.3398

■ 25.6920, 0.3316,
0.1661

■ 96.8353, 0.3097,
0.3386

■ 24.6467, 0.3333,
0.1622

■ 96.9089, 0.3090,
0.3374

■ 24.3704, 0.3340,
0.1614

■ 96.9830, 0.3083,
0.3362

■ 97.0575, 0.3077,
0.3350

Harmonies

Analogous

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



57.5163, 0.2713, 0.2529



57.5163, 0.3180, 0.2688



57.5163, 0.3668, 0.2980

Triad

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



57.5163, 0.3180, 0.2688



57.5163, 0.3898, 0.4048



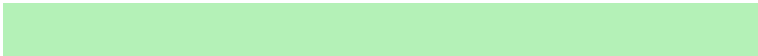
57.5163, 0.2312, 0.3124

Complementary

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



57.5163, 0.3180, 0.2688



76.0623, 0.3076, 0.3976

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.



57.5163, 0.2586, 0.3610



57.5163, 0.3180, 0.2688



57.5163, 0.3498, 0.4175

Square

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



57.5163, 0.3180, 0.2688



57.5163, 0.4096, 0.3736



57.5163, 0.3017, 0.4019



57.5163, 0.2242, 0.2740

Rectangle

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



57.5163, 0.3180, 0.2688



57.5163, 0.3923, 0.3223



57.5163, 0.3017, 0.4019



57.5163, 0.2382, 0.3282

Sweetspot

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



57.5188, 0.3180, 0.2688



87.6027, 0.3143, 0.3103



48.9362, 0.2704, 0.2570



18.2838, 0.3146, 0.3067



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.



57.5188, 0.3180, 0.2688



60.2774, 0.3191, 0.2575



55.9228, 0.3418, 0.2984



16.0170, 0.3146, 0.3069



13.2152, 0.3338, 0.1612



1.1035, 0.3319, 0.1602

Inverse Universe

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



57.5188, 0.3180, 0.2688



60.2774, 0.3191, 0.2575



77.4240, 0.2909, 0.3618



16.0170, 0.3146, 0.3069



13.2152, 0.3338, 0.1612



1.1035, 0.3319, 0.1602

Previews

White Background



This preview shows how the Yxy color 57.5163, 0.3180, 0.2688 looks on a white background.

Color Contrast Check

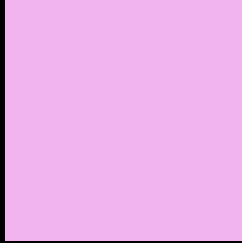
Large Text (above 18pt) WCAG AA × Fail

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 57.5163, 0.3180, 0.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

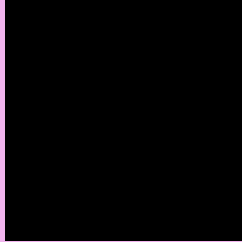
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5163, 0.3180, 0.2688

Background



This preview shows how black text looks on a background with the Yxy color 57.5163, 0.3180, 0.2688.



This preview shows how white text looks on a background with the Yxy color 57.5163, 0.3180, 0.2688.

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

57.5163, 0.3180, 0.2688

Protanopia

57.8551, 0.2703, 0.2699

Deuteranopia

57.5849, 0.2899, 0.2836



Tritanopia

57.5906, 0.3427, 0.3138

Trichromacy



Original Color

57.5163, 0.3180, 0.2688



Protanomaly

57.1808, 0.2861, 0.2682



Deuteranomaly

57.4820, 0.2996, 0.2783



Tritanomaly

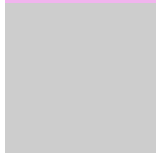
57.3132, 0.3342, 0.2968

Monochromacy



Original Color

57.5163, 0.3180, 0.2688



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.3950, 0.3146, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5163, 0.3180, 0.2688 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(241, 180, 238)` looks like.

```
.text, #text, p{  
    color:rgb(241, 180, 238)  
}
```

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(241, 180, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 180, 238) }
```

Border

The CSS property to change the border of an element to Yxy 57.5163, 0.3180, 0.2688 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(241, 180, 238) }
```

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

```
.border{ border-color:rgb(241, 180, 238) }
```

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

Here you see how a box with a 4 pixel rgb(241, 180, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 180, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 180, 238);  
box-shadow:4px 4px 4px 4px rgb(241, 180,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5163, 0.3180, 0.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 180, 238) }
```

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

```
.background{ background-color: rgb(241,  
180, 238) }
```

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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