

Converting Colors

Yxy(57.4461, 0.3252, 0.2710)

Have a look what the booklet for
Yxy(57.4461, 0.3252, 0.2710)
contains.

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Color

Yxy(57.3741, 0.3253, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	F6B2EA
RGB	246, 178, 234
RGB Percent	96%, 70%, 92%
CMY	0.0351, 0.3020, 0.0822
CMYK	0.00, 0.28, 0.05, 0.04
HSL	311°, 79%, 83%
HSV	311°, 28%, 96%
XYZ	68.7939, 57.3741, 85.3104
YIQ	204.7160, 22.5520, 31.8320

Conversions

Conversions Part 2

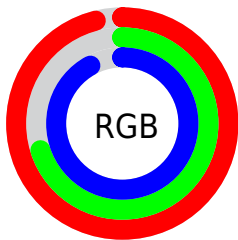
Format	Color
R _Y B	246, 178, 234
Decimal	16167658
CIE Lab	80.39, 33.45, -18.19
CIE LCh	80, 38.078, 331.465
Yxy	57.3741, 0.3253, 0.2713
Android (android.graphics.Color)	4294357738 (0xFFF6B2EA)
YUV	204.7160, 14.4370, 36.2061
Hunter-Lab	75.7457, 29.5627, -13.7548

Details

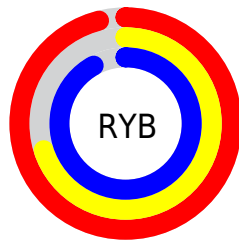
The Yxy color $57.3741, 0.3253, 0.2713$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $79.1234, 0.3023, 0.3946$, and the grayscale version is $60.7597, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3256, 0.3137, 0.3088$, and $28.4485, 0.3282, 0.2577$ is the 20% darker color. If you saturate the color by 10%, you get $48.2024, 0.3310, 0.2504$, and if you desaturate by 10%, it is $68.3129, 0.3202, 0.2926$.

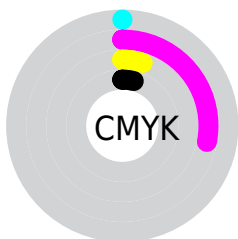
Distribution



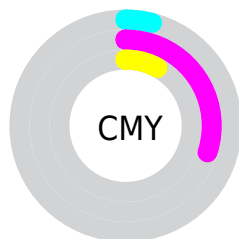
- Red (96%)
- Green (70%)
- Blue (92%)



- Red (96%)
- Yellow (70%)
- Blue (92%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3741, 0.3253, 0.2713 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 57.3741, 0.3253, 0.2713 by changing the saturation by 10% instead.


 57.3741, 0.3253,
0.2713

 57.3741, 0.3253,
0.2713

414.8496, 0.3198,
0.2977

 41.3057, 0.3265,
0.2653


 101.0108, 0.3235,
0.2804

 28.5580, 0.3278,
0.2580


129.3479, 0.3227,
0.2840

 18.7467, 0.3295,
0.2488


162.5434, 0.3221,
0.2871

 11.4874, 0.3315,
0.2369

200.9816, 0.3215,
0.2897

 6.3957, 0.3341,
0.2210

245.0469, 0.3210,
0.2921

 3.0871, 0.3372,
0.1986


295.1238, 0.3206,

 1.1774, 0.3407,


0.2942


0.1654


351.5965, 0.3202,
0.2961


 0.0431, 0.3787,
0.0190

 0.0000, 0.0000,
0.0000


 57.3741, 0.3253,
0.2713


 57.3741, 0.3253,
0.2713


 48.2024, 0.3310,
0.2504

 68.3129, 0.3202,
0.2926


 40.6963, 0.3372,
0.2307

 81.0981, 0.3157,
0.3135

 34.7556, 0.3439,
0.2133

 95.8134, 0.3119,
0.3336

 30.2662, 0.3508,
0.1991

 98.1133, 0.3092,
0.3325

■ 27.0986, 0.3578,
0.1889

■ 98.3422, 0.3072,
0.3290

■ 25.1001, 0.3645,
0.1834

■ 24.0675, 0.3709,
0.1824

■ 23.8945, 0.3724,
0.1825

Harmonies

Analogous

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



57.3741, 0.2766, 0.2529



57.3741, 0.3253, 0.2713



57.3741, 0.3740, 0.3025

Triad

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



57.3741, 0.3253, 0.2713



57.3741, 0.3864, 0.4094



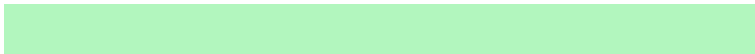
57.3741, 0.2275, 0.3056

Complementary

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



57.3741, 0.3253, 0.2713



79.1234, 0.3023, 0.3946

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.



57.3741, 0.2526, 0.3545



57.3741, 0.3253, 0.2713



57.3741, 0.3436, 0.4188

Square

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



57.3741, 0.3253, 0.2713



57.3741, 0.4101, 0.3794



57.3741, 0.2946, 0.3987



57.3741, 0.2235, 0.2689

Rectangle

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



57.3741, 0.3253, 0.2713



57.3741, 0.3981, 0.3276



57.3741, 0.2946, 0.3987



57.3741, 0.2336, 0.3212

Sweetspot

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



57.3767, 0.3253, 0.2713



87.4379, 0.3159, 0.3128



49.3497, 0.2723, 0.2506



18.2421, 0.3165, 0.3096



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.



57.3767, 0.3253, 0.2713



56.6285, 0.3283, 0.2599



55.6361, 0.3532, 0.3049



16.7151, 0.3165, 0.3097



12.7667, 0.3714, 0.1819



1.1350, 0.3639, 0.1778

Inverse Universe

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



57.3767, 0.3253, 0.2713



56.6285, 0.3283, 0.2599



80.7528, 0.2841, 0.3547



16.7151, 0.3165, 0.3097



12.7667, 0.3714, 0.1819



1.1350, 0.3639, 0.1778

Previews

White Background



This preview shows how the Yxy color 57.3741, 0.3253, 0.2713 looks on a white background.

Color Contrast Check

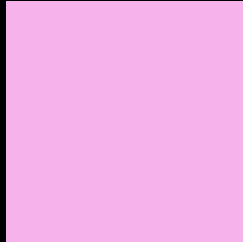
Large Text (above 18pt) WCAG AA × Fail

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 57.3741, 0.3253, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

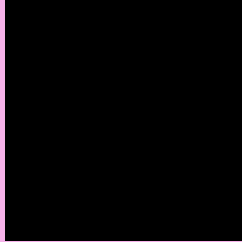
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3741, 0.3253, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 57.3741, 0.3253, 0.2713.



This preview shows how white text looks on a background with the Yxy color 57.3741, 0.3253, 0.2713.

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

57.3741, 0.3253, 0.2713

Protanopia

57.8568, 0.2722, 0.2721

Deuteranopia

57.6371, 0.2941, 0.2880



Tritanopia

57.1053, 0.3491, 0.3129

Trichromacy



Original Color

57.3741, 0.3253, 0.2713



Protanomaly

57.2880, 0.2896, 0.2715



Deuteranomaly

57.2815, 0.3047, 0.2816



Tritanomaly

57.2640, 0.3403, 0.2971

Monochromacy



Original Color

57.3741, 0.3253, 0.2713



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.2037, 0.3170, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3741, 0.3253, 0.2713 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(246, 178, 234)` looks like.

```
.text, #text, p{  
    color:rgb(246, 178, 234)  
}
```

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(246, 178, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 178, 234) }
```

Border

The CSS property to change the border of an element to Yxy 57.3741, 0.3253, 0.2713 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(246, 178, 234) }
```

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

```
.border{ border-color:rgb(246, 178, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 178, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 178, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 178, 234);  
box-shadow:4px 4px 4px 4px rgb(246, 178,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3741, 0.3253, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 178, 234) }
```

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

```
.background{ background-color: rgb(246,  
178, 234) }
```

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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