

Converting Colors

Yxy(57.6297, 0.3168, 0.2600)

Have a look what the booklet for
Yxy(57.6297, 0.3168, 0.2600)
contains.

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Color

Yxy(57.6297, 0.3168, 0.2600)

Conversions

Conversions Part 1

Format	Color
Hex	F6B1F5
RGB	246, 177, 245
RGB Percent	96%, 69%, 96%
CMY	0.0351, 0.3059, 0.0392
CMYK	0.00, 0.28, 0.00, 0.04
HSL	301°, 79%, 83%
HSV	301°, 28%, 96%
XYZ	70.2196, 57.6297, 93.8034
YIQ	205.3830, 19.2960, 35.7760

Conversions

Conversions Part 2

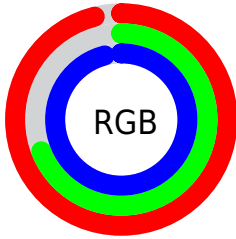
Format	Color
R _Y B	246, 177, 245
Decimal	16167413
CIE Lab	80.53, 35.92, -23.87
CIE LCh	81, 43.125, 326.393
Yxy	57.6297, 0.3168, 0.2600
Android (android.graphics.Color)	4294357493 (0xFFFF6B1F5)
YUV	205.3830, 19.5312, 35.6211
Hunter-Lab	75.9142, 32.2600, -20.1217

Details

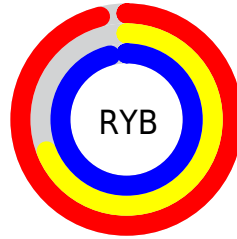
The Yxy color $57.6297, 0.3168, 0.2600$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $78.4992, 0.3083, 0.4093$, and the grayscale version is $61.1734, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7578, 0.3137, 0.3078$, and $28.6589, 0.3167, 0.2436$ is the 20% darker color. If you saturate the color by 10%, you get $48.7511, 0.3183, 0.2361$, and if you desaturate by 10%, it is $68.2655, 0.3153, 0.2848$.

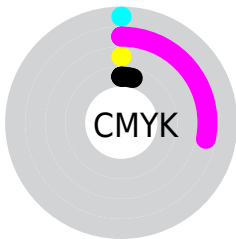
Distribution



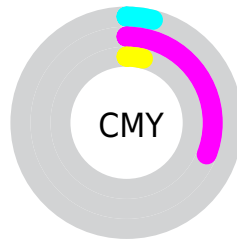
- Red (96%)
- Green (69%)
- Blue (96%)



- Red (96%)
- Yellow (69%)
- Blue (96%)



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




- Cyan (4%)
- Magenta (31%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6297, 0.3168, 0.2600 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 57.6297, 0.3168, 0.2600 by changing the saturation by 10% instead.


 57.6297, 0.3168,
0.2600

 57.6297, 0.3168,
0.2600

415.8047, 0.3156,
0.2913

 41.5110, 0.3169,
0.2530


 101.3834, 0.3165,
0.2707

 28.7186, 0.3169,
0.2446


129.7873, 0.3164,
0.2749

 18.8681, 0.3168,
0.2340


163.0549, 0.3162,
0.2785

 11.5750, 0.3165,
0.2204

201.5708, 0.3161,
0.2817

 6.4550, 0.3156,
0.2026

245.7194, 0.3160,
0.2845

 3.1237, 0.3135,
0.1781


295.8849, 0.3158,

 1.1966, 0.3084,


0.2870

0.1430


352.4519, 0.3157,
0.2893


 0.0589, 0.3173,
0.0200


 0.0000, 0.0000,
0.0000


 57.6297, 0.3168,
0.2600


 57.6297, 0.3168,
0.2600


 48.7511, 0.3183,
0.2361


 68.2655, 0.3153,
0.2848


 41.5280, 0.3198,
0.2139

 80.7381, 0.3138,
0.3095

 35.8599, 0.3211,
0.1945

 95.1313, 0.3125,
0.3336

 31.6321, 0.3223,
0.1788

 97.8045, 0.3121,
0.3373

■ 28.7145, 0.3233,
0.1672

■ 97.8275, 0.3118,
0.3369

■ 26.9533, 0.3241,
0.1600

■ 97.8506, 0.3116,
0.3365

■ 26.1375, 0.3247,
0.1567

■ 97.8737, 0.3114,
0.3362

■ 26.0298, 0.3248,
0.1563

■ 97.8969, 0.3112,
0.3358

■ 97.9201, 0.3110,
0.3354

Harmonies

Analogous

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



57.6297, 0.2638, 0.2425



57.6297, 0.3168, 0.2600



57.6297, 0.3734, 0.2924

Triad

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



57.6297, 0.3168, 0.2600



57.6297, 0.4017, 0.4144



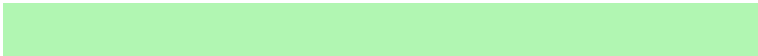
57.6297, 0.2204, 0.3106

Complementary

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



57.6297, 0.3168, 0.2600



78.4992, 0.3083, 0.4093

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.



57.6297, 0.2517, 0.3675



57.6297, 0.3168, 0.2600



57.6297, 0.3559, 0.4314

Square

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



57.6297, 0.3168, 0.2600



57.6297, 0.4242, 0.3775



57.6297, 0.3009, 0.4151



57.6297, 0.2121, 0.2665

Rectangle

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



57.6297, 0.3168, 0.2600



57.6297, 0.4035, 0.3195



57.6297, 0.3009, 0.4151



57.6297, 0.2284, 0.3290

Sweetspot

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



57.6322, 0.3168, 0.2600



87.6479, 0.3138, 0.3096



47.4415, 0.2634, 0.2475



18.2953, 0.3140, 0.3059



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.



57.6322, 0.3168, 0.2600



56.5116, 0.3177, 0.2455



55.7690, 0.3440, 0.2926



16.7637, 0.3140, 0.3060



13.8903, 0.3247, 0.1563



1.2222, 0.3242, 0.1560

Inverse Universe

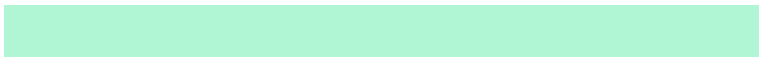
The Inverse Universe completely reimagines the original color for something new.



57.6322, 0.3168, 0.2600



56.5116, 0.3177, 0.2455



80.0124, 0.2899, 0.3687



16.7637, 0.3140, 0.3060



13.8903, 0.3247, 0.1563



1.2222, 0.3242, 0.1560

Previews

White Background



This preview shows how the Yxy color 57.6297, 0.3168, 0.2600 looks on a white background.

Color Contrast Check

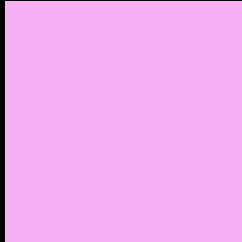
Large Text (above 18pt) WCAG AA × Fail

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 57.6297, 0.3168, 0.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

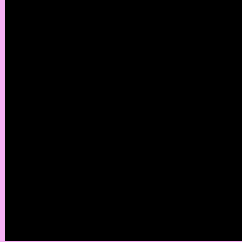
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6297, 0.3168, 0.2600

Background



This preview shows how black text looks on a background with the Yxy color 57.6297, 0.3168, 0.2600.

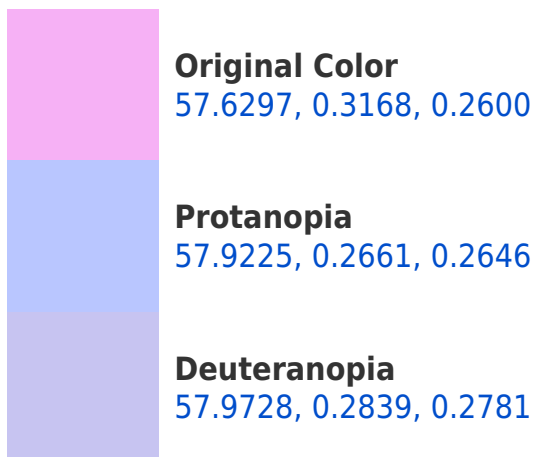


This preview shows how white text looks on a background with the Yxy color 57.6297, 0.3168, 0.2600.

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

57.8132, 0.3471, 0.3139

Trichromacy



Original Color

57.6297, 0.3168, 0.2600



Protanomaly

57.0573, 0.2828, 0.2622



Deuteranomaly

57.4049, 0.2954, 0.2711



Tritanomaly

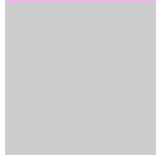
57.7021, 0.3360, 0.2940

Monochromacy



Original Color

57.6297, 0.3168, 0.2600



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.4132, 0.3140, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6297, 0.3168, 0.2600 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, 177, 245)` looks like.

```
.text, #text, p{  
    color:rgb(246, 177, 245)  
}
```

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, 177, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 177, 245) }
```

Border

The CSS property to change the border of an element to Yxy 57.6297, 0.3168, 0.2600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

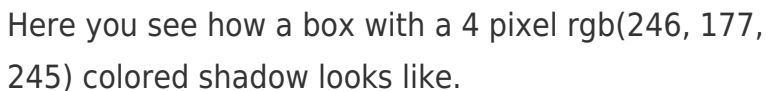
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 177, 245) }
```

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

```
.border{ border-color:rgb(246, 177, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 177, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 177, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 177, 245);  
box-shadow:4px 4px 4px 4px rgb(246, 177,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6297, 0.3168, 0.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 177, 245) }
```

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

```
.background{ background-color: rgb(246,  
177, 245) }
```

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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