

Converting Colors

$Y_{xy}(57.5576, 0.3080, 0.2497)$

Have a look what the booklet for
Yxy(57.5576, 0.3080, 0.2497)
contains.

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Color

Yxy(57.5038, 0.3077, 0.2496)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4B0FF |
| RGB | 244, 176, 255 |
| RGB Percent | 96%, 69%, 100% |
| CMY | 0.0431, 0.3098, 0.0000 |
| CMYK | 0.04, 0.31, 0.00, 0.00 |
| HSL | 292°, 100%, 85% |
| HSV | 292°, 31%, 100% |
| XYZ | 70.8891, 57.5038, 101.9909 |
| YIQ | 205.3380, 15.1690, 38.9850 |

Conversions

Conversions Part 2

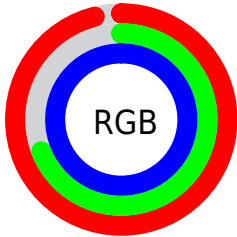
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 244, 176, 255 |
| Decimal | 16036095 |
| CIE _{Lab} | 80.46, 37.65, -29.37 |
| CIE _{LCh} | 80, 47.755, 322.041 |
| Yxy | 57.5038, 0.3077, 0.2496 |
| Android (android.graphics.Color) | 4294226175 (0xFFFF4B0FF) |
| YUV | 205.3380, 24.4834, 33.9066 |
| Hunter-Lab | 75.8313, 34.1619, -26.6615 |

Details

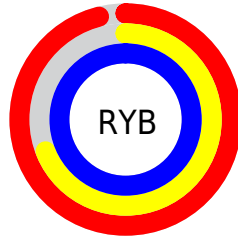
The Yxy color **57.5038, 0.3077, 0.2496** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **85.2175, 0.3150, 0.4189**, and the grayscale version is **61.1109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **28.5611, 0.3057, 0.2319** is the 20% darker color. If you saturate the color by 10%, you get **47.7984, 0.3053, 0.2241**, and if you desaturate by 10%, it is **69.1013, 0.3097, 0.2758**.

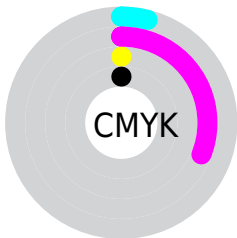
Distribution



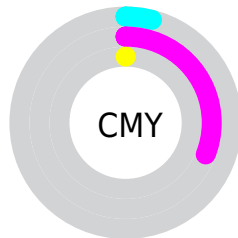
- Red (96%)
- Green (69%)
- Blue (100%)



- Red (96%)
- Yellow (69%)
- Blue (100%)



- Cyan (4%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5038, 0.3077, 0.2496 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 57.5038, 0.3077, 0.2496 by changing the saturation by 10% instead.


 57.5038, 0.3077,
0.2496

 57.5038, 0.3077,
0.2496

415.3344, 0.3110,
0.2852

 41.4099, 0.3067,
0.2418


 101.1999, 0.3090,
0.2617

 28.6395, 0.3054,
0.2322

129.5709, 0.3095,
0.2665

 18.8083, 0.3035,
0.2205


162.8030, 0.3099,
0.2707

 11.5318, 0.3008,
0.2055

201.2807, 0.3102,
0.2743

 6.4257, 0.2966,
0.1861

245.3882, 0.3105,
0.2775

 3.1056, 0.2897,
0.1600


295.5101, 0.3107,

 1.1871, 0.2771,


0.2804


0.1239

352.0307, 0.3109,
0.2829


 0.0512, 0.2671,
0.0140


 0.0000, 0.0000,
0.0000


 57.5038, 0.3077,
0.2496


 57.5038, 0.3077,
0.2496


 47.7984, 0.3053,
0.2241


 69.1013, 0.3097,
0.2758


 39.8769, 0.3025,
0.2001

 82.6854, 0.3114,
0.3017

 33.6243, 0.2993,
0.1788

 98.3475, 0.3126,
0.3266

 28.9111, 0.2959,
0.1612

 100.0000, 0.3127,
0.3290

■ 25.5884, 0.2923,
0.1479

■ 23.4779, 0.2886,
0.1391

■ 22.3627, 0.2853,
0.1345

Harmonies

Analogous

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



57.5038, 0.2515, 0.2332



57.5038, 0.3077, 0.2496



57.5038, 0.3712, 0.2827

Triad

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



57.5038, 0.3077, 0.2496



57.5038, 0.4160, 0.4174



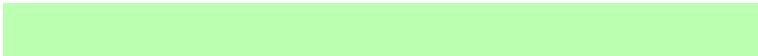
57.5038, 0.2147, 0.3166

Complementary

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



57.5038, 0.3077, 0.2496



85.2175, 0.3150, 0.4189

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.



57.5038, 0.2520, 0.3809



57.5038, 0.3077, 0.2496



57.5038, 0.3680, 0.4419

Square

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



57.5038, 0.3077, 0.2496



57.5038, 0.4368, 0.3744



57.5038, 0.3078, 0.4305



57.5038, 0.2023, 0.2652

Rectangle

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



57.5038, 0.3077, 0.2496



57.5038, 0.4072, 0.3113



57.5038, 0.3078, 0.4305



57.5038, 0.2245, 0.3377

Sweetspot

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



57.5047, 0.3077, 0.2496



85.6210, 0.3116, 0.3067



52.3511, 0.2590, 0.2515



17.8633, 0.3114, 0.3030



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.



57.5047, 0.3077, 0.2496



51.4430, 0.3063, 0.2341



57.8749, 0.3383, 0.2770



18.1648, 0.3116, 0.3054



11.7343, 0.2859, 0.1349



1.1762, 0.2902, 0.1372

Inverse Universe

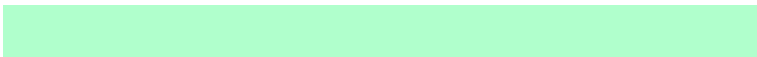
The Inverse Universe completely reimagines the original color for something new.



55.8968, 0.3736, 0.3177



49.6747, 0.3908, 0.3154



85.0925, 0.2939, 0.3876



18.0282, 0.3272, 0.3257



11.1861, 0.6220, 0.3200



1.1011, 0.5960, 0.3057

Previews

White Background



This preview shows how the Yxy color 57.5038, 0.3077, 0.2496 looks on a white background.

Color Contrast Check

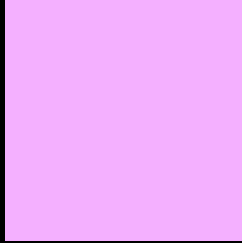
Large Text (above 18pt) WCAG AA × Fail

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 57.5038, 0.3077, 0.2496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

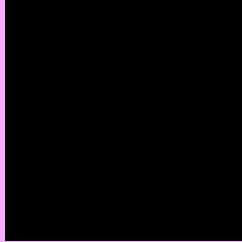
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5038, 0.3077, 0.2496

Background



This preview shows how black text looks on a background with the Yxy color 57.5038, 0.3077, 0.2496.



This preview shows how white text looks on a background with the Yxy color 57.5038, 0.3077, 0.2496.

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

57.5038, 0.3077, 0.2496

Protanopia

57.7985, 0.2655, 0.2645

Deuteranopia

57.7823, 0.2735, 0.2672



Tritanopia

57.5906, 0.3427, 0.3138

Trichromacy



Original Color

57.5038, 0.3077, 0.2496



Protanomaly

57.1687, 0.2796, 0.2581



Deuteranomaly

57.4205, 0.2857, 0.2608



Tritanomaly

57.4382, 0.3295, 0.2886

Monochromacy



Original Color

57.5038, 0.3077, 0.2496



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

58.9714, 0.3111, 0.2967

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5038, 0.3077, 0.2496 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(244, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 176, 255)  
}
```

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(244, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 176, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.5038, 0.3077, 0.2496 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(244, 176, 255) }
```

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

```
.border{ border-color:rgb(244, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 176,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5038, 0.3077, 0.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 176, 255) }
```

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

```
.background{ background-color: rgb(244,  
176, 255) }
```

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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