

Converting Colors

$Y_{xy}(52.6731, 0.3179, 0.2443)$

Have a look what the booklet for
Yxy(52.6731, 0.3179, 0.2443)
contains.

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Color

Yxy(52.5125, 0.3176, 0.2437)

Conversions

Conversions Part 1

Format	Color
Hex	F8A2F7
RGB	248, 162, 247
RGB Percent	97%, 64%, 97%
CMY	0.0272, 0.3648, 0.0313
CMYK	0.00, 0.35, 0.00, 0.03
HSL	301°, 86%, 80%
HSV	301°, 35%, 97%
XYZ	68.4365, 52.5125, 94.5311
YIQ	197.4040, 23.9710, 44.6670

Conversions

Conversions Part 2

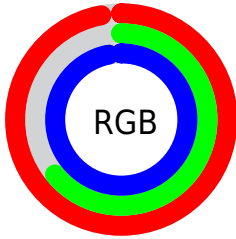
Format	Color
R _Y B	248, 162, 247
Decimal	16294647
CIE Lab	77.59, 44.76, -29.44
CIE LCh	78, 53.571, 326.664
Yxy	52.5125, 0.3176, 0.2437
Android (android.graphics.Color)	4294484727 (0xFFF8A2F7)
YUV	197.4040, 24.4508, 44.3727
Hunter-Lab	72.4655, 41.7609, -26.6178

Details

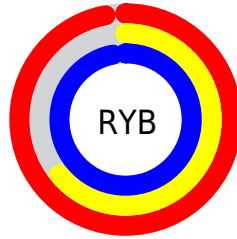
The Yxy color $52.5125, 0.3176, 0.2437$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $77.4953, 0.3073, 0.4322$, and the grayscale version is $55.9316, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6228, 0.3144, 0.2930$, and $25.3900, 0.3176, 0.2247$ is the 20% darker color. If you saturate the color by 10%, you get $44.6038, 0.3190, 0.2208$, and if you desaturate by 10%, it is $62.1494, 0.3162, 0.2681$.

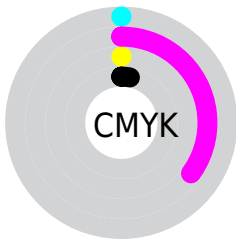
Distribution



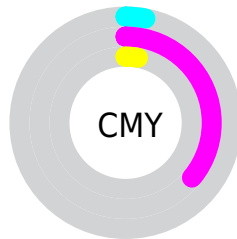
- Red (97%)
- Green (64%)
- Blue (97%)



- Red (97%)
- Yellow (64%)
- Blue (97%)



- Cyan (0%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (36%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5125, 0.3176, 0.2437 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 52.5125, 0.3176, 0.2437 by changing the saturation by 10% instead.


 52.5125, 0.3176,
0.2437


 52.5125, 0.3176,
0.2437


396.4120, 0.3164,
0.2823

 37.4137, 0.3176,
0.2352


 93.8866, 0.3174,
0.2569

 25.5280, 0.3175,
0.2248


 120.9308, 0.3173,
0.2620

 16.4709, 0.3171,
0.2119


152.7255, 0.3171,
0.2665

 9.8580, 0.3162,
0.1956

189.6553, 0.3170,
0.2705

 5.3049, 0.3144,
0.1742

232.1044, 0.3168,
0.2739

 2.4272, 0.3105,
0.1456

280.4573, 0.3167,

 0.8398, 0.3015,

0.2770

0.1061

335.0983, 0.3166,
0.2798

0.0000, 0.2943,
0.0000

0.0000, 0.0000,
0.0000

52.5125, 0.3176,
0.2437

52.5125, 0.3176,
0.2437

44.6038, 0.3190,
0.2208

62.1494, 0.3162,
0.2681

38.3144, 0.3203,
0.2003

73.6010, 0.3147,
0.2930

33.5342, 0.3215,
0.1832

86.9564, 0.3133,
0.3177

30.1362, 0.3225,
0.1702

98.2783, 0.3123,
0.3356

■ 27.9729, 0.3232,
0.1615

■ 98.2972, 0.3121,
0.3353

■ 26.8631, 0.3238,
0.1570

■ 98.3160, 0.3120,
0.3350

■ 26.5619, 0.3240,
0.1559

■ 98.3349, 0.3118,
0.3347

■ 98.3538, 0.3116,
0.3344

■ 98.3728, 0.3114,
0.3341

Harmonies

Analogous

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



52.5125, 0.2510, 0.2220



52.5125, 0.3176, 0.2437



52.5125, 0.3907, 0.2830

Triad

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



52.5125, 0.3176, 0.2437



52.5125, 0.4233, 0.4352



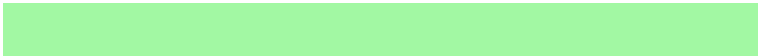
52.5125, 0.1970, 0.3028

Complementary

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



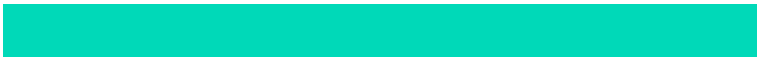
52.5125, 0.3176, 0.2437



77.4953, 0.3073, 0.4322

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.



52.5125, 0.2343, 0.3777



52.5125, 0.3176, 0.2437



52.5125, 0.3644, 0.4610

Square

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



52.5125, 0.3176, 0.2437



52.5125, 0.4542, 0.3869



52.5125, 0.2952, 0.4419



52.5125, 0.1880, 0.2483

Rectangle

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



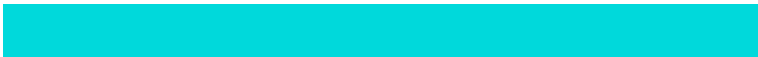
52.5125, 0.3176, 0.2437



52.5125, 0.4297, 0.3157



52.5125, 0.2952, 0.4419



52.5125, 0.2063, 0.3266

Sweetspot

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



52.5148, 0.3176, 0.2437



84.7757, 0.3141, 0.3046



40.2912, 0.2496, 0.2247



17.7235, 0.3143, 0.3012



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.



52.5148, 0.3176, 0.2437



49.5445, 0.3186, 0.2266



50.2075, 0.3540, 0.2836



17.5207, 0.3140, 0.3059



14.3426, 0.3240, 0.1558



1.3295, 0.3236, 0.1556

Inverse Universe

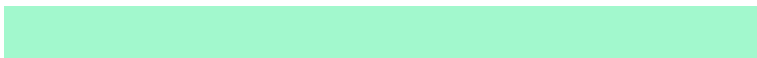
The Inverse Universe completely reimagines the original color for something new.



52.5148, 0.3176, 0.2437



49.5445, 0.3186, 0.2266



79.2587, 0.2851, 0.3798



17.5207, 0.3140, 0.3059



14.3426, 0.3240, 0.1558



1.3295, 0.3236, 0.1556

Previews

White Background



This preview shows how the Yxy color 52.5125, 0.3176, 0.2437 looks on a white background.

Color Contrast Check

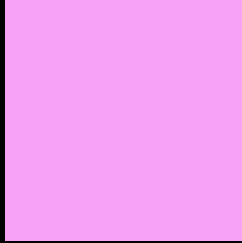
Large Text (above 18pt) WCAG AA × Fail

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 52.5125, 0.3176, 0.2437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

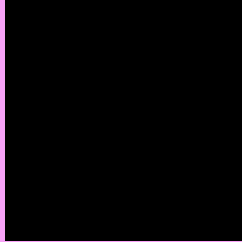
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5125, 0.3176, 0.2437

Background



This preview shows how black text looks on a background with the Yxy color 52.5125, 0.3176, 0.2437.



This preview shows how white text looks on a background with the Yxy color 52.5125, 0.3176, 0.2437.

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

52.5125, 0.3176, 0.2437

Protanopia

52.9311, 0.2574, 0.2537

Deuteranopia

52.6915, 0.2728, 0.2661



Tritanopia

52.3852, 0.3609, 0.3148

Trichromacy



Original Color

52.5125, 0.3176, 0.2437



Protanomaly

51.9502, 0.2765, 0.2489



Deuteranomaly

52.1817, 0.2877, 0.2568



Tritanomaly

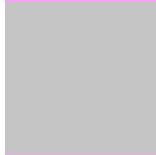
52.4076, 0.3446, 0.2874

Monochromacy



Original Color

52.5125, 0.3176, 0.2437



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.7862, 0.3152, 0.2937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5125, 0.3176, 0.2437 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(248, 162, 247)` looks like.

```
.text, #text, p{  
    color:rgb(248, 162, 247)  
}
```

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(248, 162, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 162, 247) }
```

Border

The CSS property to change the border of an element to Yxy 52.5125, 0.3176, 0.2437 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(248, 162, 247) }
```

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

```
.border{ border-color:rgb(248, 162, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 162, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 162, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 162, 247);  
box-shadow:4px 4px 4px 4px rgb(248, 162,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5125, 0.3176, 0.2437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 162, 247) }
```

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

```
.background{ background-color: rgb(248,  
162, 247) }
```

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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