

Converting Colors

$Y_{xy}(52.0779, 0.3182, 0.2476)$

Have a look what the booklet for
Yxy(52.0779, 0.3182, 0.2476)
contains.

Yxy(52.0779, 0.3182, 0.2476)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.0779, 0.3182, 0.2476)

Conversions

Conversions Part 1

Format	Color
Hex	F5A3F3
RGB	245, 163, 243
RGB Percent	96%, 64%, 95%
CMY	0.0393, 0.3607, 0.0470
CMYK	0.00, 0.33, 0.01, 0.04
HSL	301°, 80%, 80%
HSV	301°, 33%, 96%
XYZ	66.9273, 52.0779, 91.3256
YIQ	196.6380, 23.1920, 42.2640

Conversions

Conversions Part 2

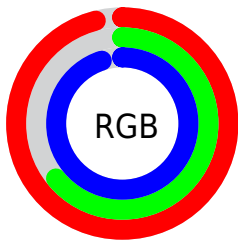
Format	Color
R _Y B	245, 163, 243
Decimal	16098291
CIE Lab	77.33, 42.55, -27.70
CIE LCh	77, 50.778, 326.934
Yxy	52.0779, 0.3182, 0.2476
Android (android.graphics.Color)	4294288371 (0xFFF5A3F3)
YUV	196.6380, 22.8565, 42.4135
Hunter-Lab	72.1650, 39.2556, -24.5166

Details

The Yxy color **52.0779, 0.3182, 0.2476** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **75.7985, 0.3070, 0.4266**, and the grayscale version is **55.4562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **25.3045, 0.3174, 0.2292** is the 20% darker color. If you saturate the color by 10%, you get **44.1706, 0.3199, 0.2247**, and if you desaturate by 10%, it is **61.6749, 0.3165, 0.2719**.

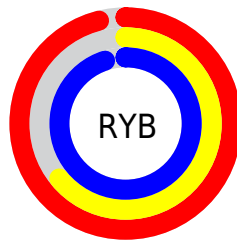
Distribution



Red (96%)

Green (64%)

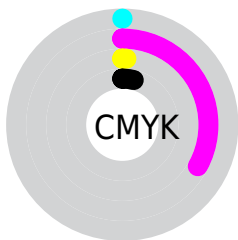
Blue (95%)



Red (96%)

Yellow (64%)

Blue (95%)

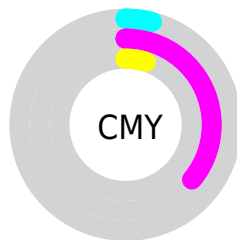


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (4%)



Cyan (4%)


Magenta (36%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0779, 0.3182, 0.2476 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 52.0779, 0.3182, 0.2476 by changing the saturation by 10% instead.


 52.0779, 0.3182,
0.2476


 52.0779, 0.3182,
0.2476


394.7373, 0.3166,
0.2846

 37.0672, 0.3183,
0.2394


 93.2461, 0.3178,
0.2603

 25.2595, 0.3183,
0.2293


 120.1724, 0.3177,
0.2653

 16.2705, 0.3182,
0.2167


151.8393, 0.3175,
0.2696

 9.7158, 0.3176,
0.2007

188.6313, 0.3173,
0.2733

 5.2109, 0.3162,
0.1797

230.9326, 0.3171,
0.2767

 2.3715, 0.3129,
0.1512

279.1278, 0.3169,

 0.8112, 0.3050,

0.2796

0.1110

333.6012, 0.3168,
0.2823

0.0000, 0.2995,
0.0000

0.0000, 0.0000,
0.0000

52.0779, 0.3182,
0.2476

52.0779, 0.3182,
0.2476

44.1706, 0.3199,
0.2247

61.6749, 0.3165,
0.2719

37.8484, 0.3216,
0.2040

73.0445, 0.3148,
0.2965

33.0060, 0.3231,
0.1865

86.2725, 0.3132,
0.3208

29.5224, 0.3245,
0.1730

97.5445, 0.3120,
0.3384

■ 27.2573, 0.3257,
0.1639

■ 97.5806, 0.3117,
0.3378

■ 26.0406, 0.3266,
0.1590

■ 97.6169, 0.3114,
0.3372

■ 25.6465, 0.3271,
0.1576

■ 97.6533, 0.3110,
0.3366

■ 97.6898, 0.3107,
0.3361

■ 97.7264, 0.3104,
0.3355

Harmonies

Analogous

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



52.0779, 0.2544, 0.2266



52.0779, 0.3182, 0.2476



52.0779, 0.3875, 0.2856

Triad

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



52.0779, 0.3182, 0.2476



52.0779, 0.4181, 0.4311



52.0779, 0.2019, 0.3040

Complementary

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



52.0779, 0.3182, 0.2476



75.7985, 0.3070, 0.4266

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.



52.0779, 0.2377, 0.3747



52.0779, 0.3182, 0.2476



52.0779, 0.3620, 0.4544

Square

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



52.0779, 0.3182, 0.2476



52.0779, 0.4475, 0.3855



52.0779, 0.2958, 0.4353



52.0779, 0.1933, 0.2520

Rectangle

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



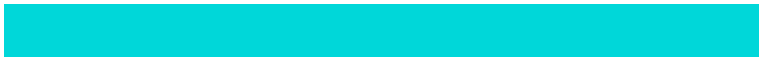
52.0779, 0.3182, 0.2476



52.0779, 0.4243, 0.3171



52.0779, 0.2958, 0.4353



52.0779, 0.2109, 0.3264

Sweetspot

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



52.0802, 0.3182, 0.2476



84.7563, 0.3143, 0.3049



40.7236, 0.2533, 0.2294



17.7188, 0.3145, 0.3015



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.



52.0802, 0.3182, 0.2476



51.1053, 0.3193, 0.2322



49.9028, 0.3533, 0.2867



16.7610, 0.3142, 0.3062



13.8216, 0.3270, 0.1575



1.2169, 0.3262, 0.1571

Inverse Universe

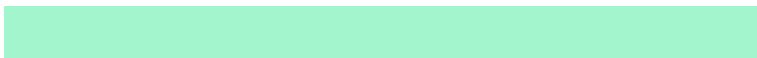
The Inverse Universe completely reimagines the original color for something new.



52.0802, 0.3182, 0.2476



51.1053, 0.3193, 0.2322



77.5078, 0.2853, 0.3759



16.7610, 0.3142, 0.3062



13.8216, 0.3270, 0.1575



1.2169, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 52.0779, 0.3182, 0.2476 looks on a white background.

Color Contrast Check

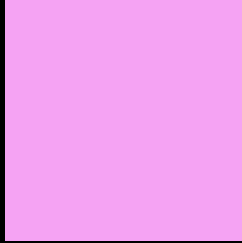
Large Text (above 18pt) WCAG AA × Fail

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 52.0779, 0.3182, 0.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

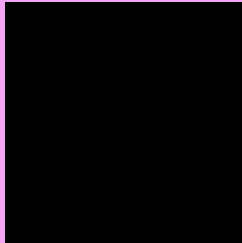
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0779, 0.3182, 0.2476

Background



This preview shows how black text looks on a background with the Yxy color 52.0779, 0.3182, 0.2476.

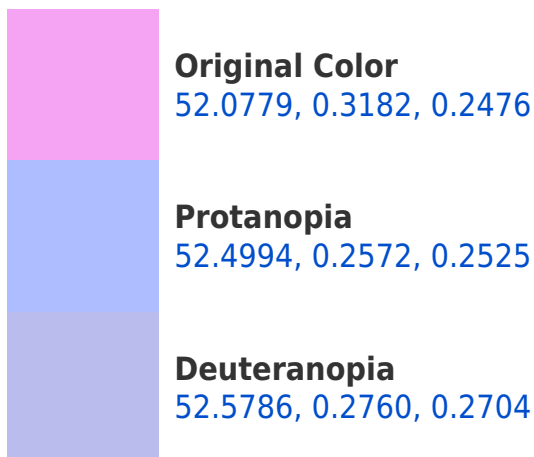


This preview shows how white text looks on a background with the Yxy color 52.0779, 0.3182, 0.2476.

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

52.0371, 0.3591, 0.3147

Trichromacy



Original Color

52.0779, 0.3182, 0.2476



Protanomaly

51.7497, 0.2764, 0.2497



Deuteranomaly

51.7969, 0.2897, 0.2606



Tritanomaly

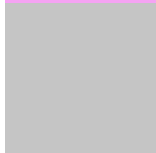
51.9552, 0.3446, 0.2892

Monochromacy



Original Color

52.0779, 0.3182, 0.2476



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.8491, 0.3143, 0.2958

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0779, 0.3182, 0.2476 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(245, 163, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 243)  
}
```

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(245, 163, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 243) }
```

Border

The CSS property to change the border of an element to Yxy 52.0779, 0.3182, 0.2476 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(245, 163, 243) }
```

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

```
.border{ border-color:rgb(245, 163, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 163, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0779, 0.3182, 0.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 163, 243) }
```

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

```
.background{ background-color: rgb(245,  
163, 243) }
```

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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